

FIG. 1

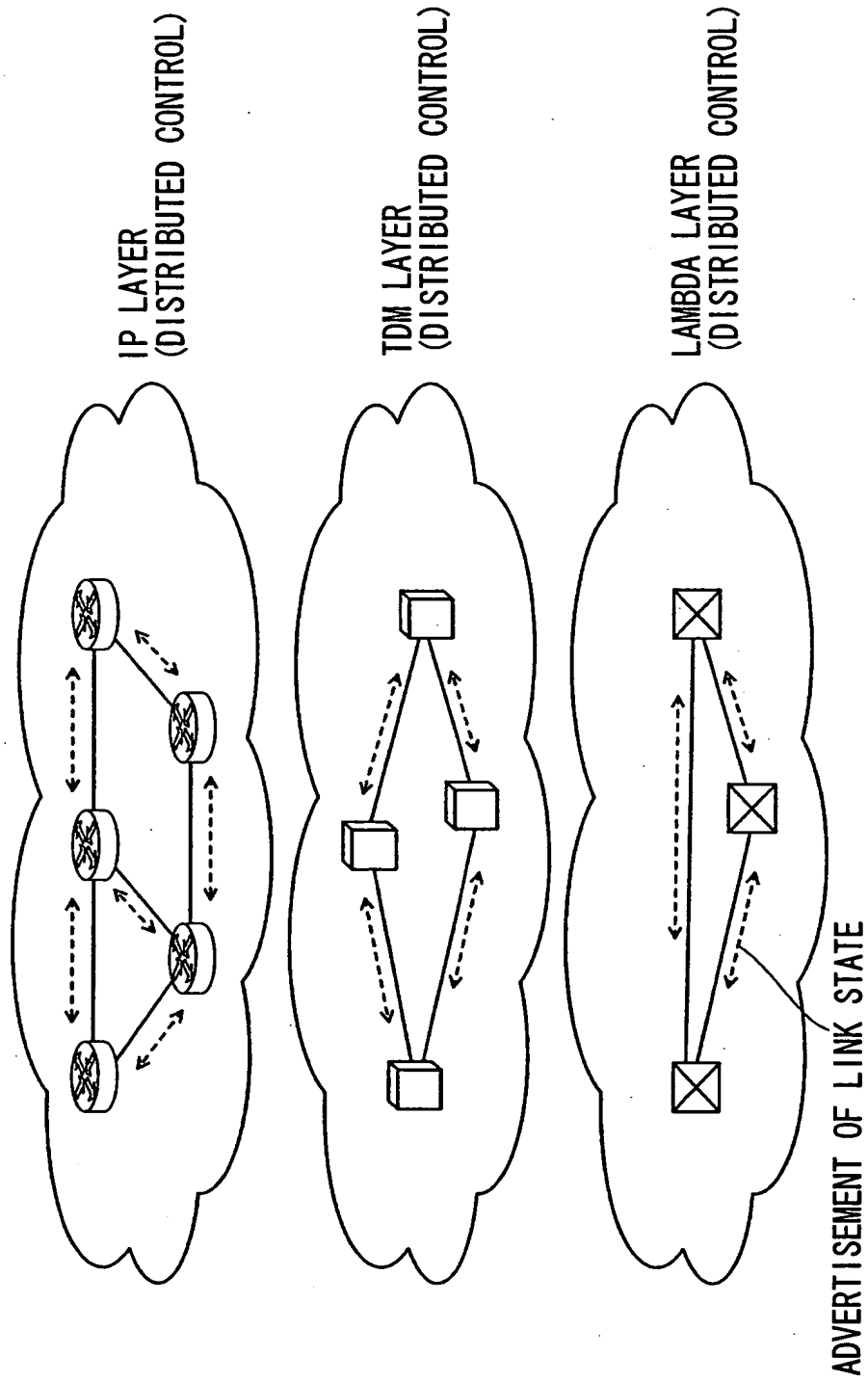
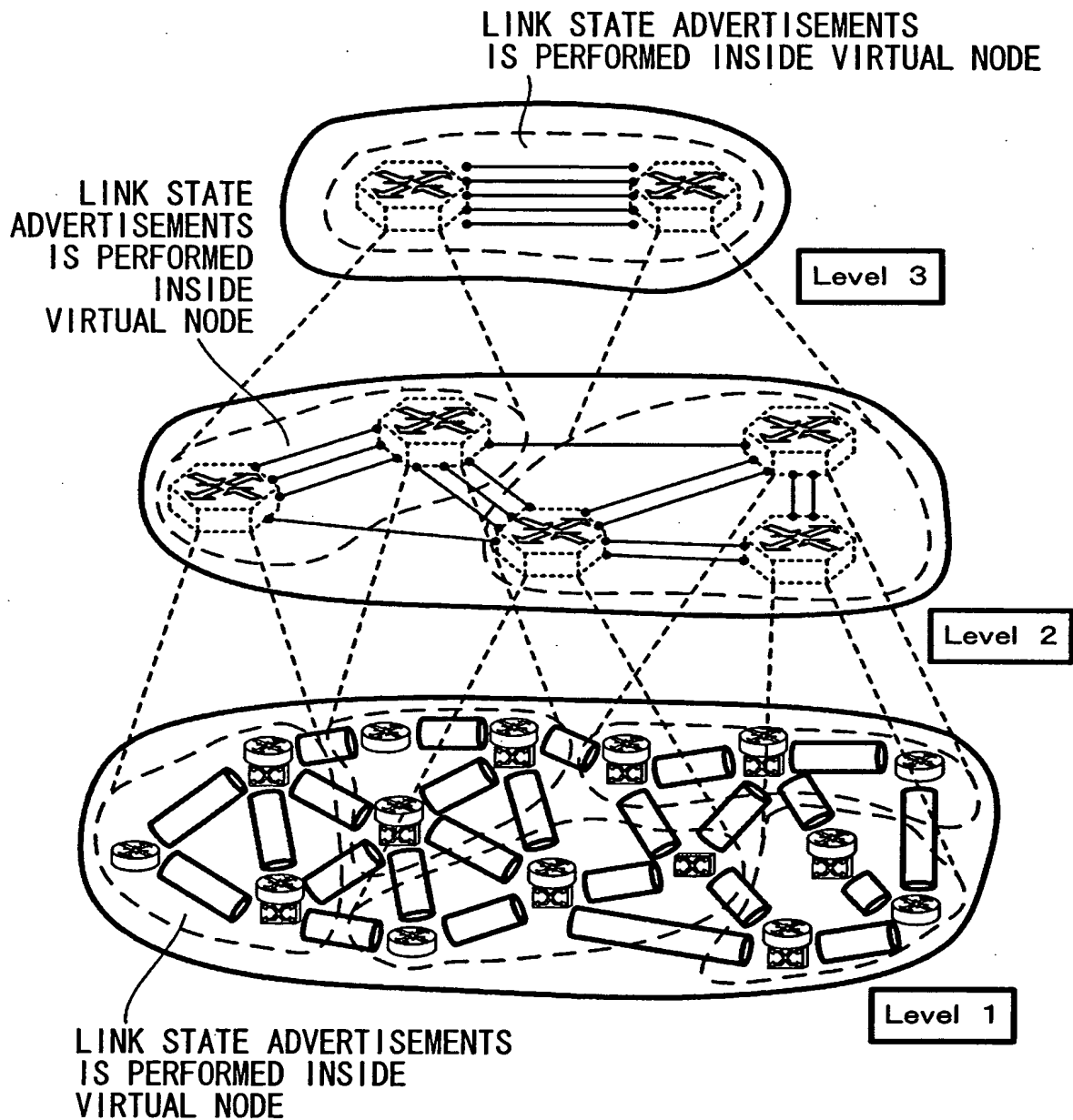


FIG. 2



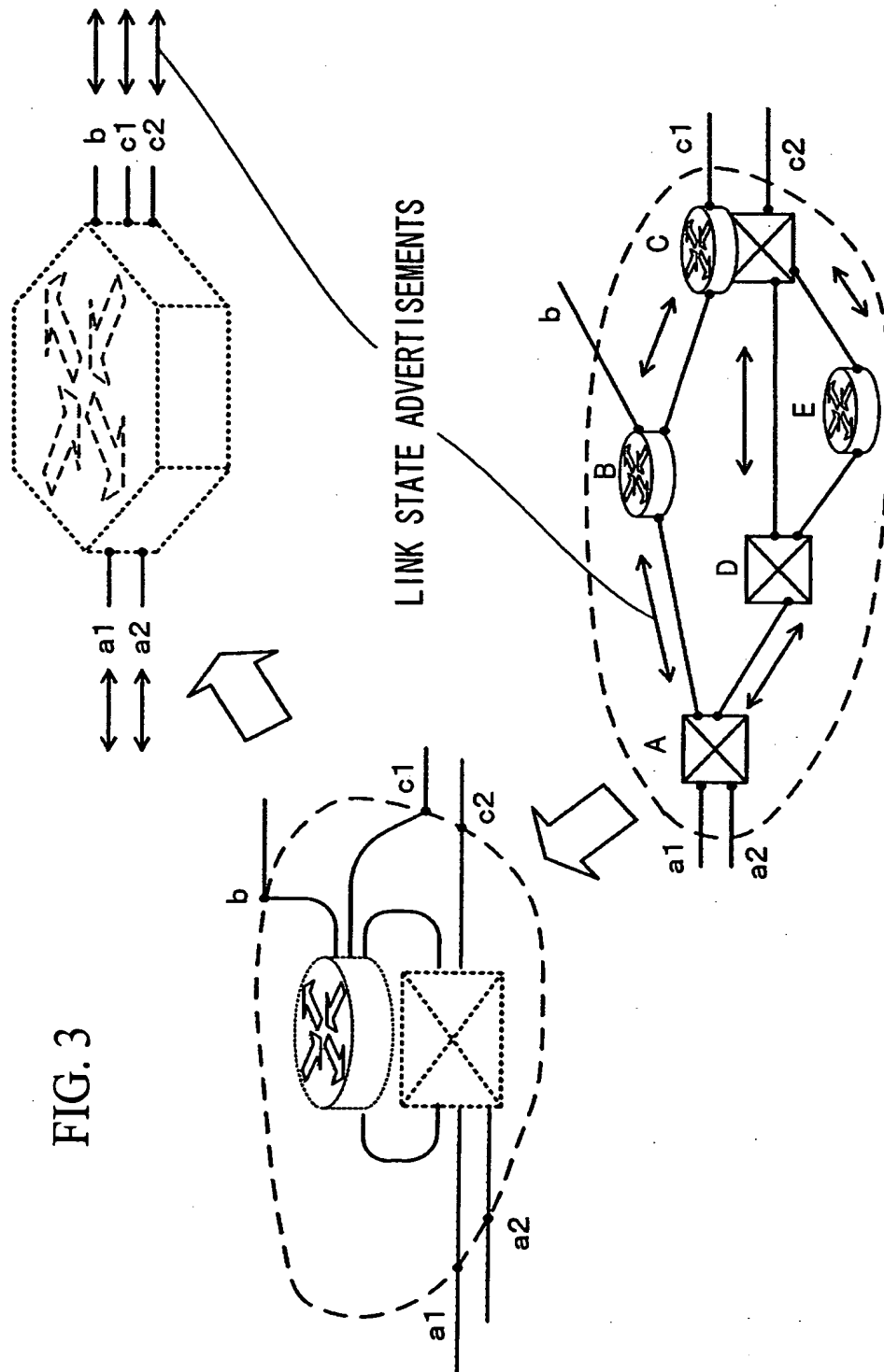
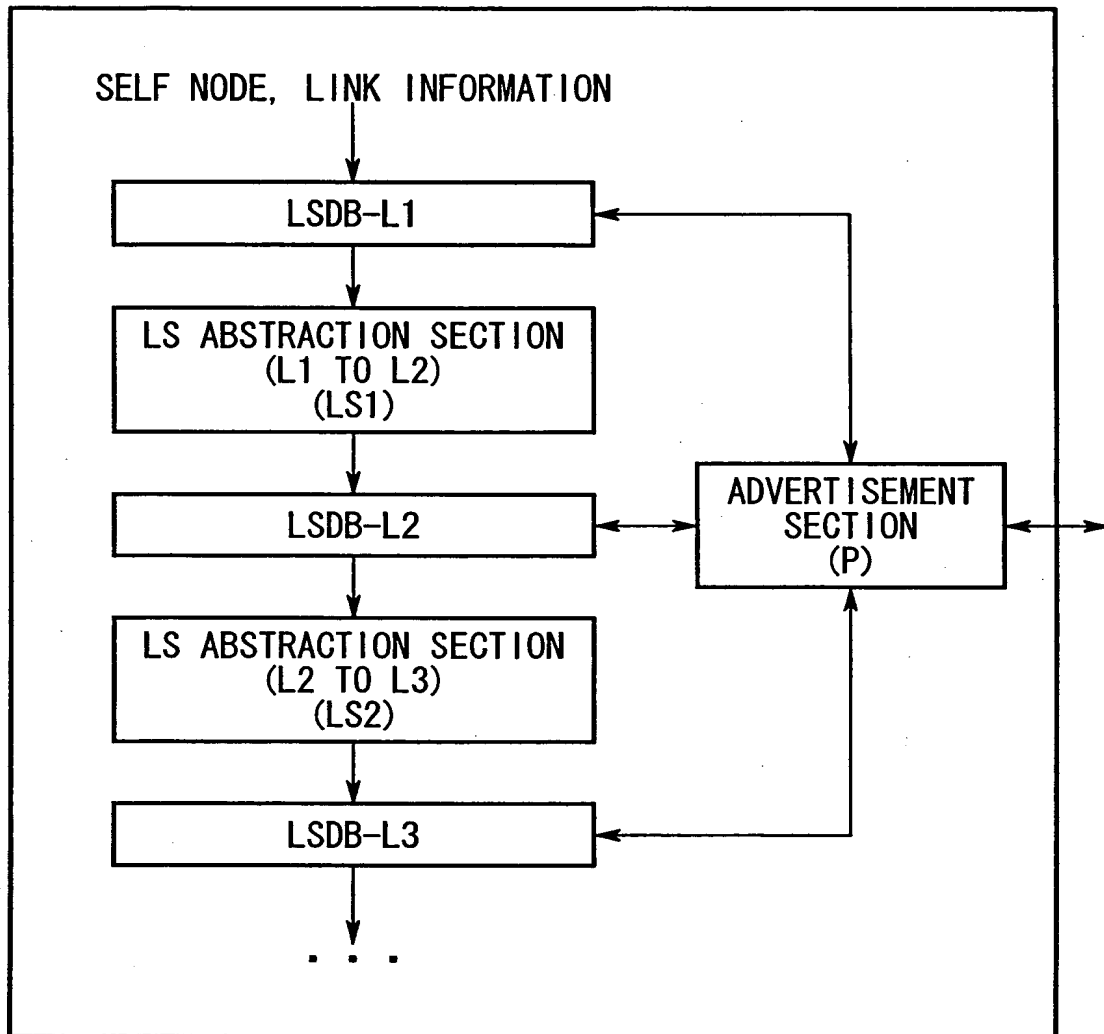


FIG. 4



L1, L2... DENOTE LEVEL 1, LEVEL 2...

FIG. 5

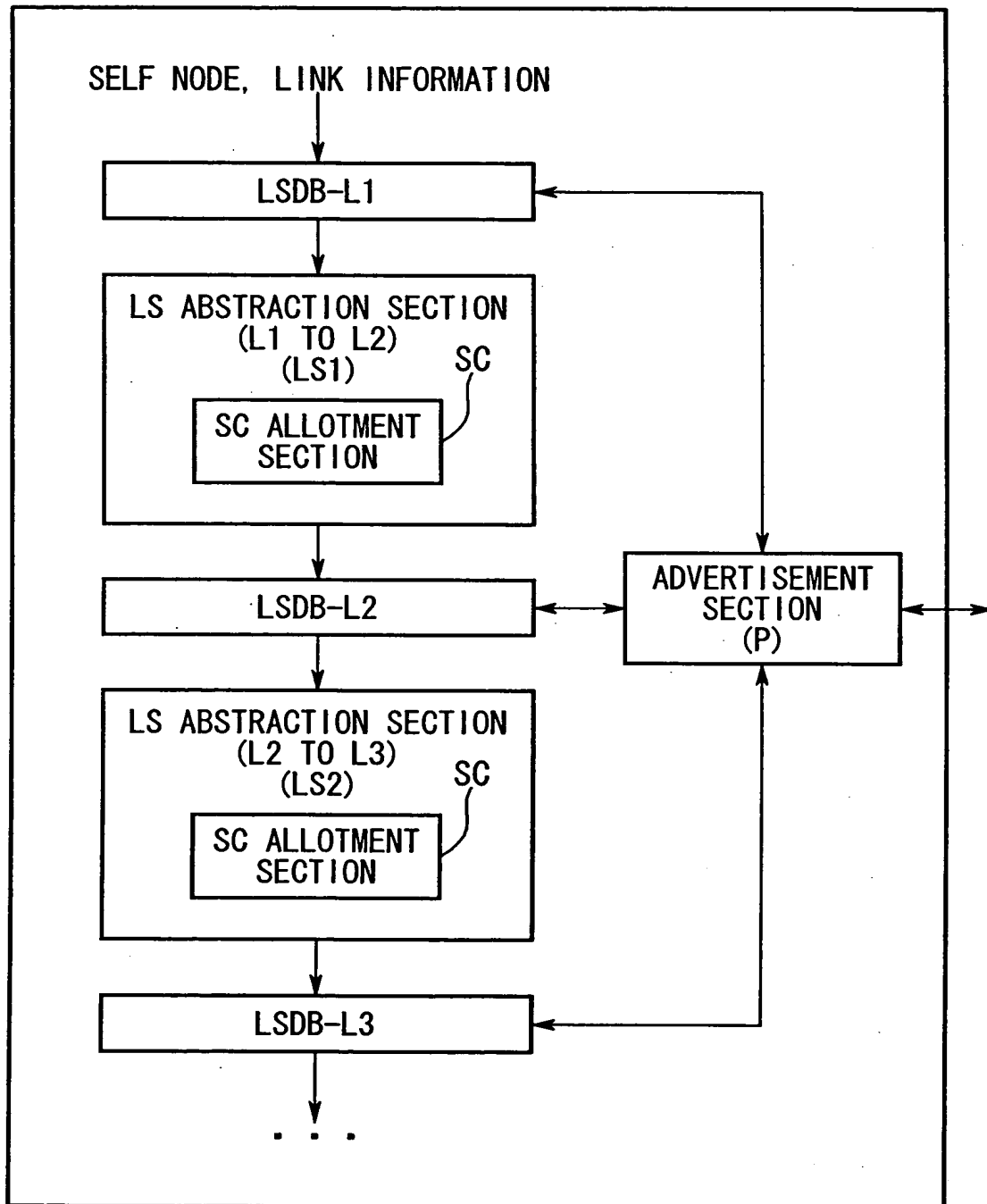
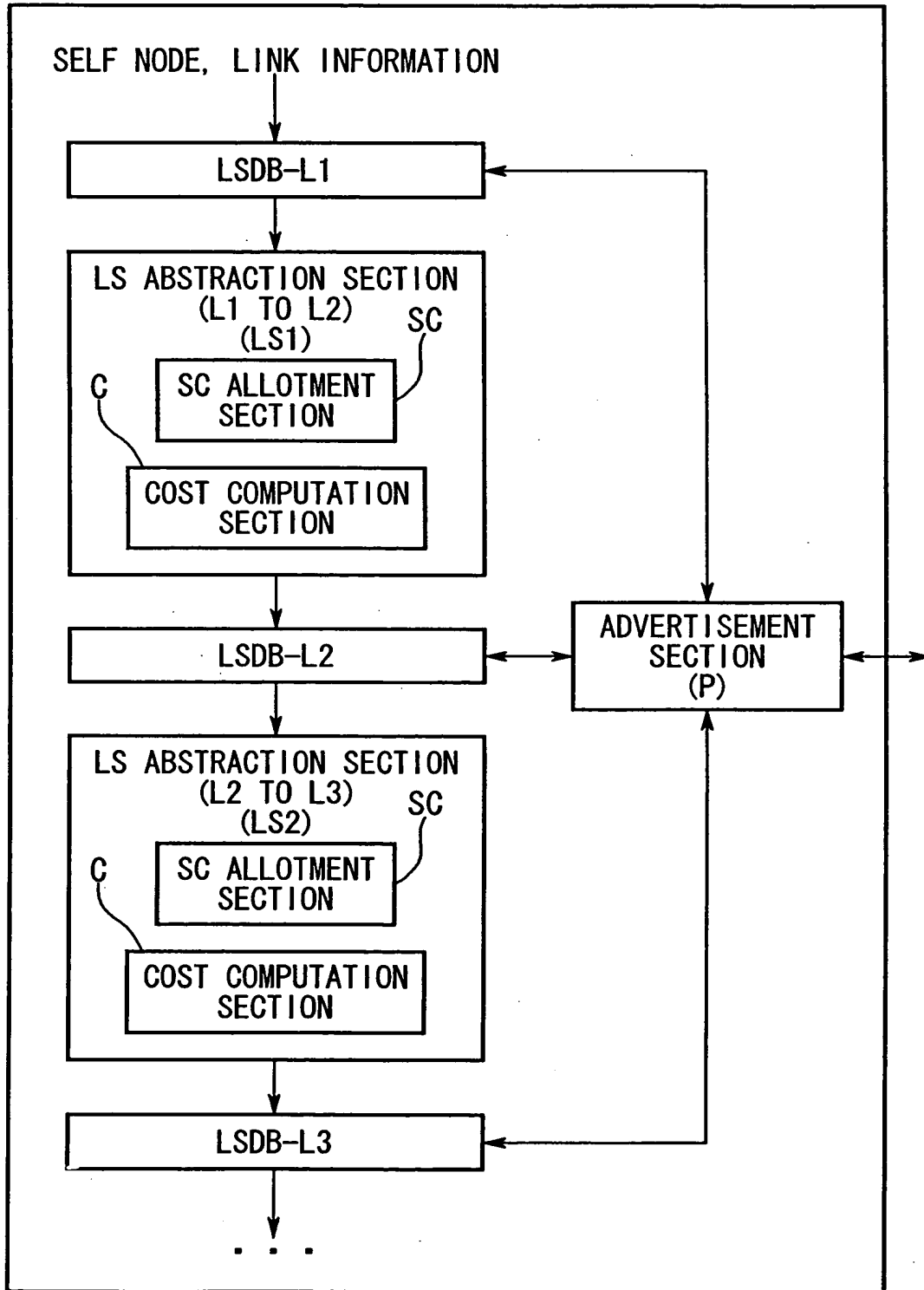
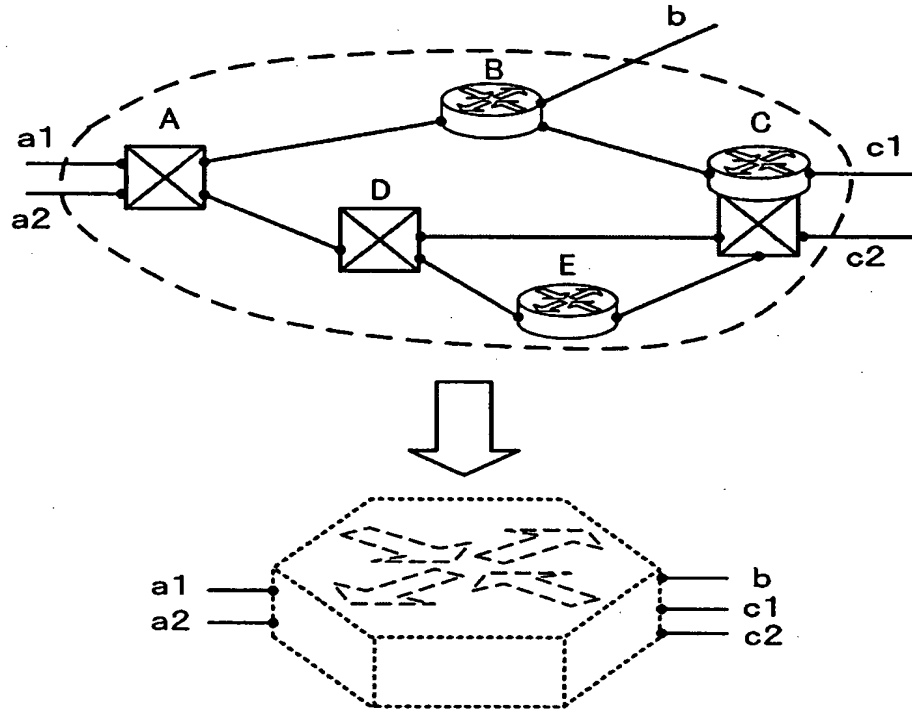


FIG. 6



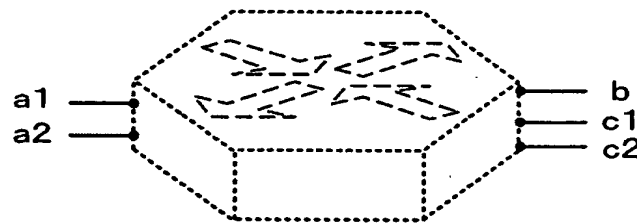
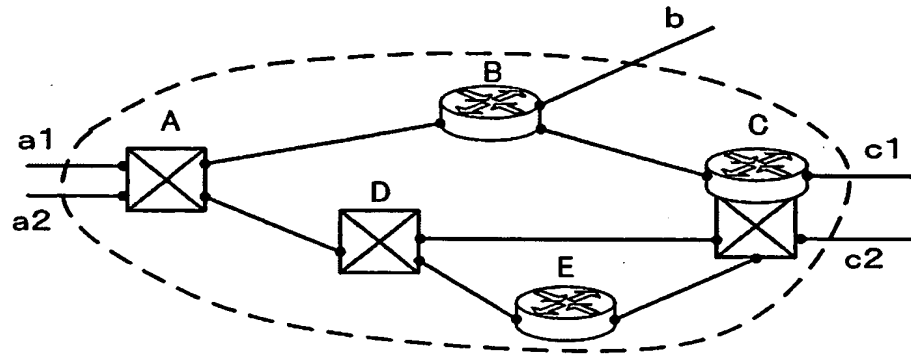
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FIG. 7



	a1	a2	b	c1	c2
a1	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
a2	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
b	PSC	PSC	PSC	PSC	PSC
c1	PSC	PSC	PSC	PSC	PSC
c2	PSC, LSC	PSC, LSC	PSC	PSC	PSC

FIG. 8



a1	$\left(\begin{array}{c} \text{LSC} \\ \text{LSC} \\ \text{PSC} \\ \text{PSC} \\ \text{PSC, LSC} \end{array} \right)$
a2	
b	
c1	
c2	

FIG. 9

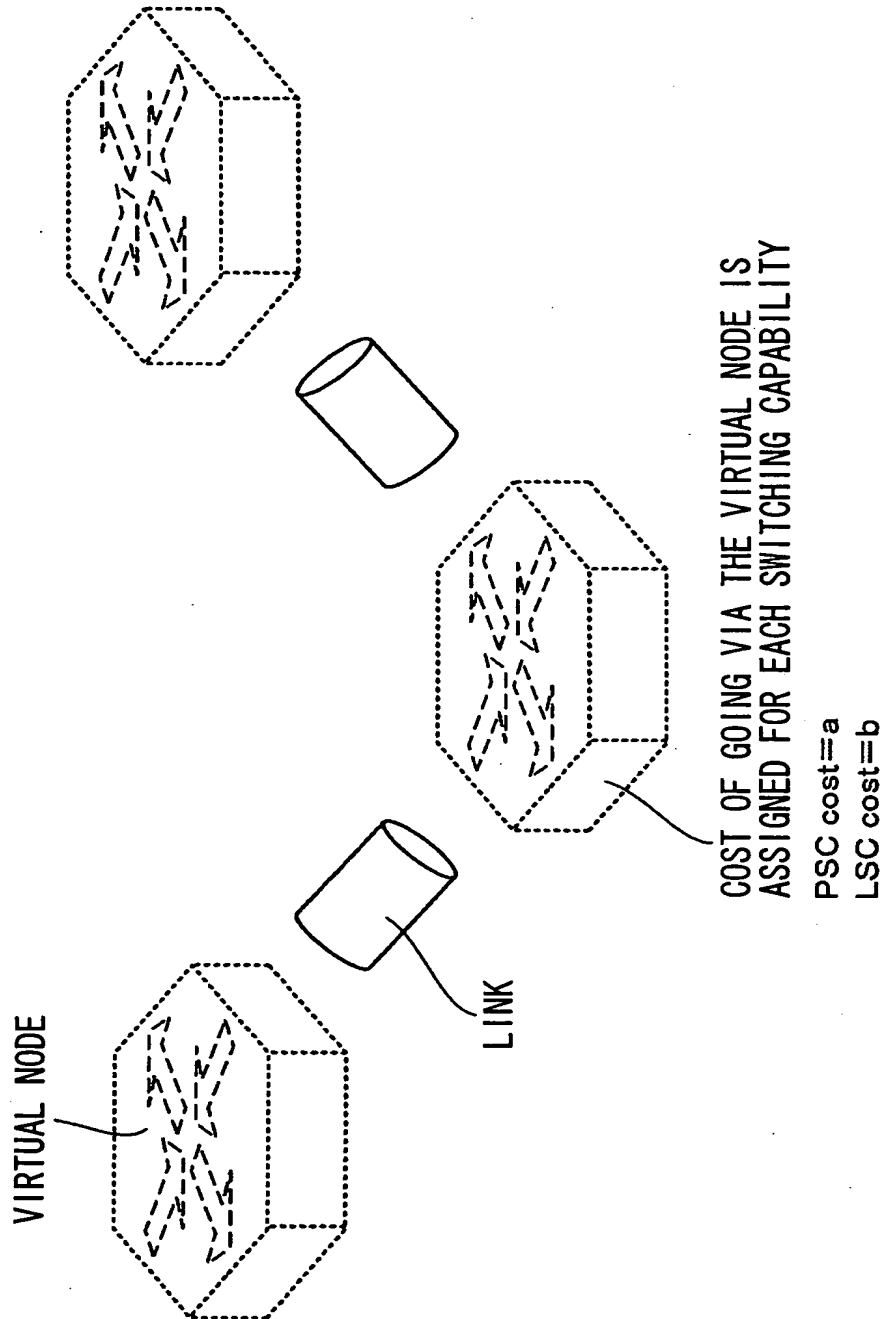
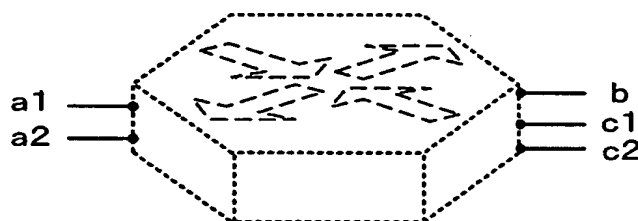
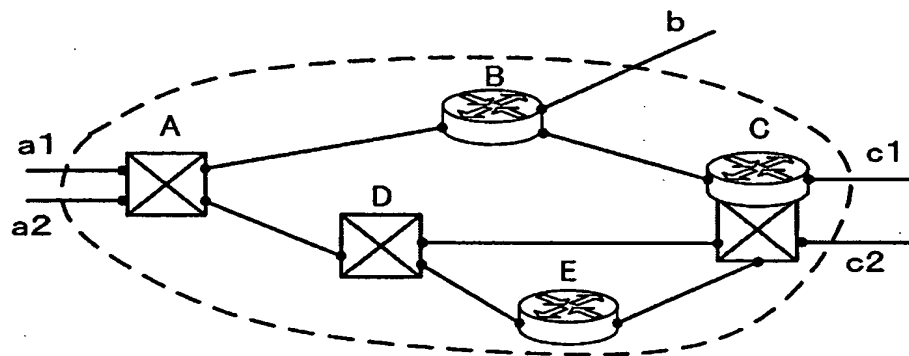


FIG. 10



	a1	a2	b	c1	c2
a1	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
a2	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
b	PSC	PSC	PSC	PSC	PSC
c1	PSC	PSC	PSC	PSC	PSC
c2	PSC, LSC	PSC, LSC	PSC	PSC	PSC

...
COSTS ALLOCATED INDIVIDUALLY

AS THIS COST, THE COST IS ALLOTTED
OF THE MINIMUM COST PATH
FROM AMONG THE PATH CANDIDATES
A-B-C, A-D-C, AND A-D-E-C

FIG. 11

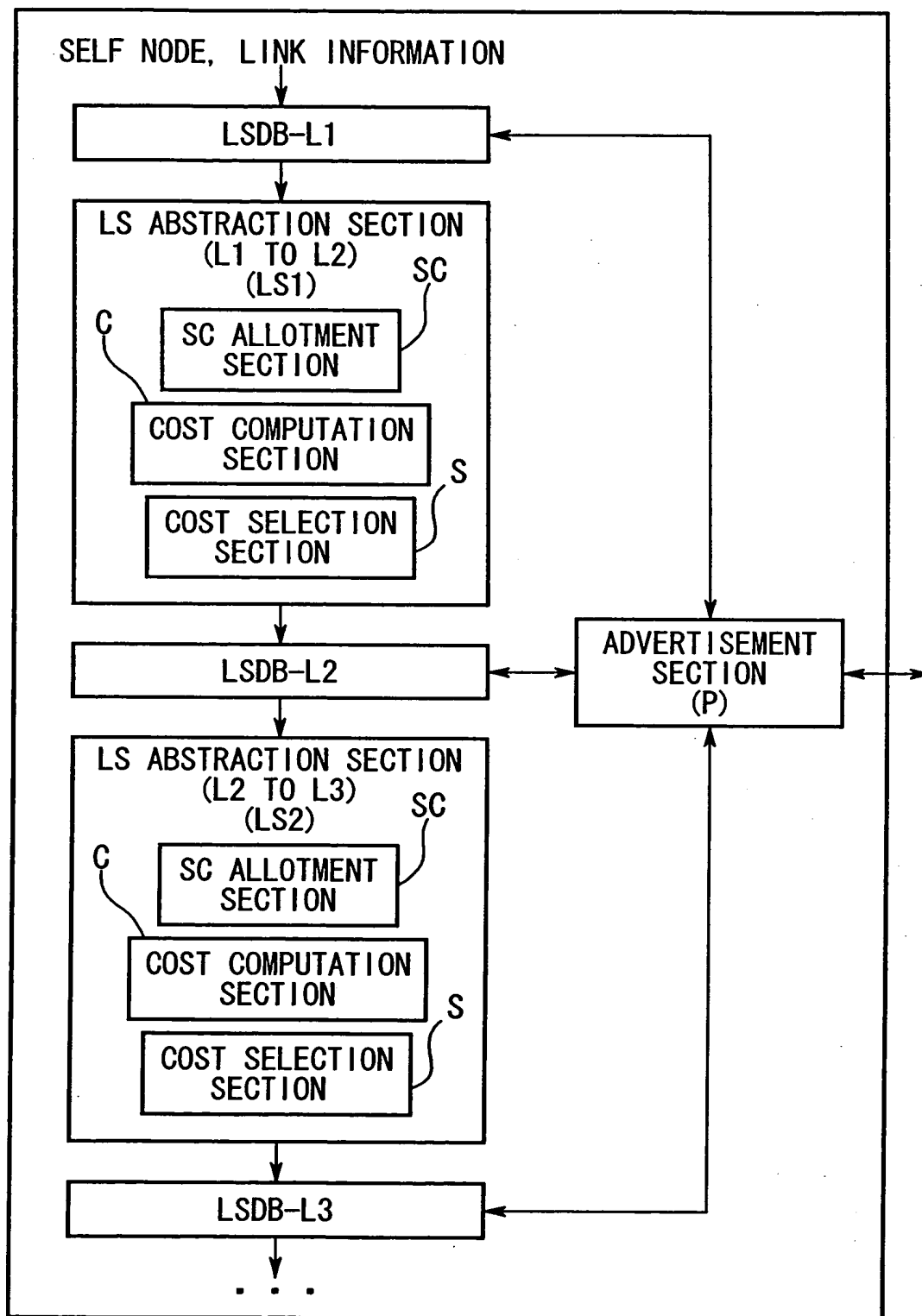
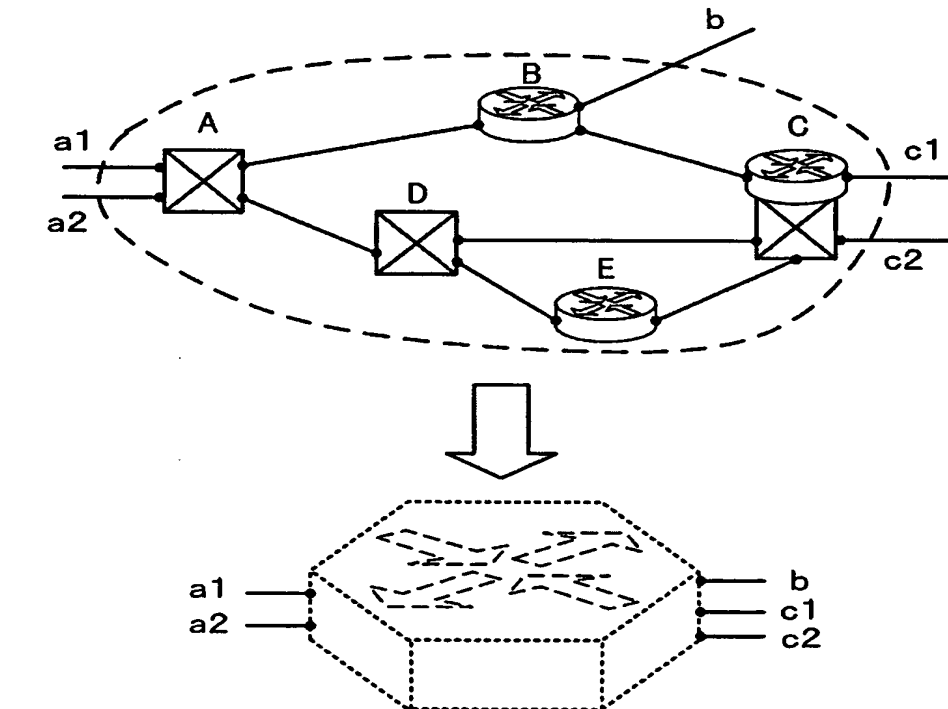


FIG. 12



	a1	a2	b	c1	c2
a1	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
a2	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
b	PSC	PSC	PSC	PSC	PSC
c1	PSC	PSC	PSC	PSC	PSC
c2	PSC, LSC	PSC, LSC	PSC	PSC	PSC

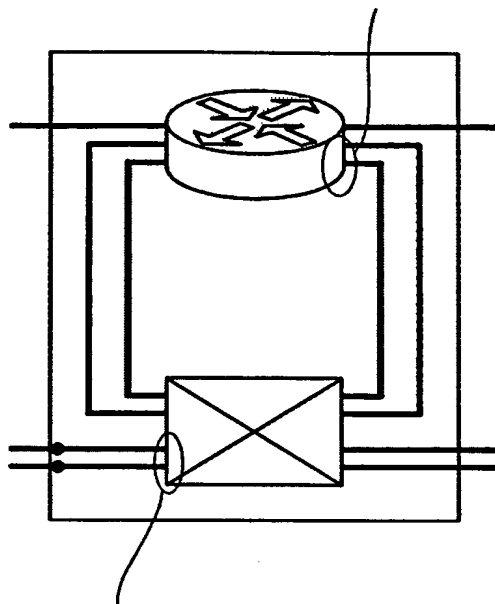
...
 COSTS ALLOCATED INDIVIDUALLY

AS THIS COST, THE COST IS ALLOTTED
 OF THE MINIMUM COST PATH
 FROM AMONG THE PATH CANDIDATES
 A-B-C AND A-D-C

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FIG. 13

P: NUMBER OF AVAILABLE PSC INTERFACES

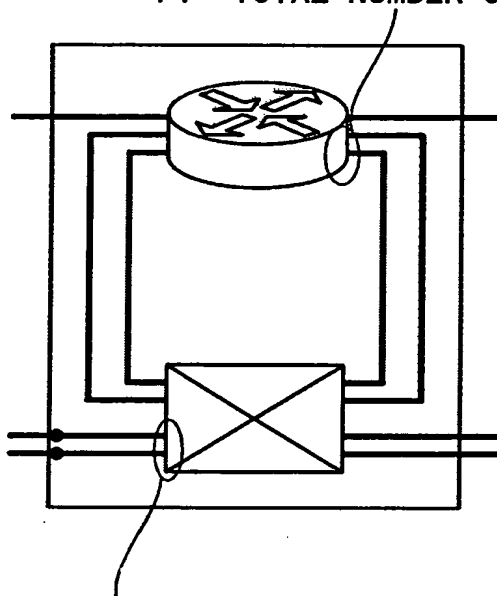


W: NUMBER OF AVAILABLE LSC INTERFACES

PSC cost = $1/P$
LSC cost = $1/W$

FIG. 14

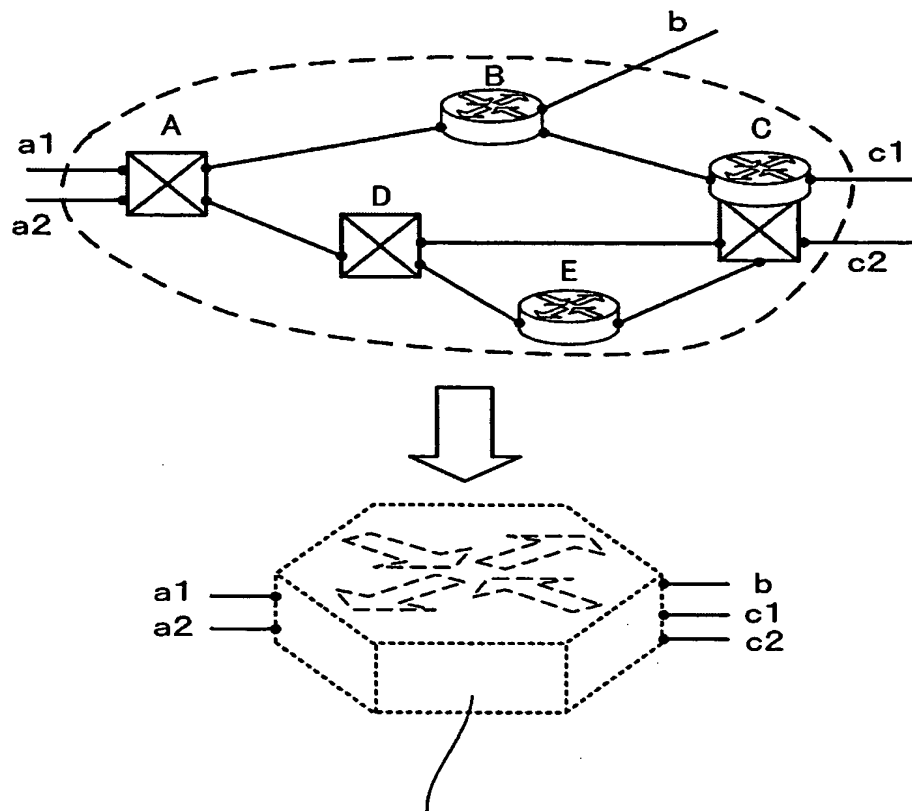
P: NUMBER OF AVAILABLE PSC INTERFACES
PT: TOTAL NUMBER OF PSC INTERFACES



W: NUMBER OF LSC AVAILABLE INTERFACES
WT: TOTAL NUMBER OF LSC INTERFACES

PSC cost = $1 - P/PT$
LSC cost = $1 - W/WT$

FIG. 15

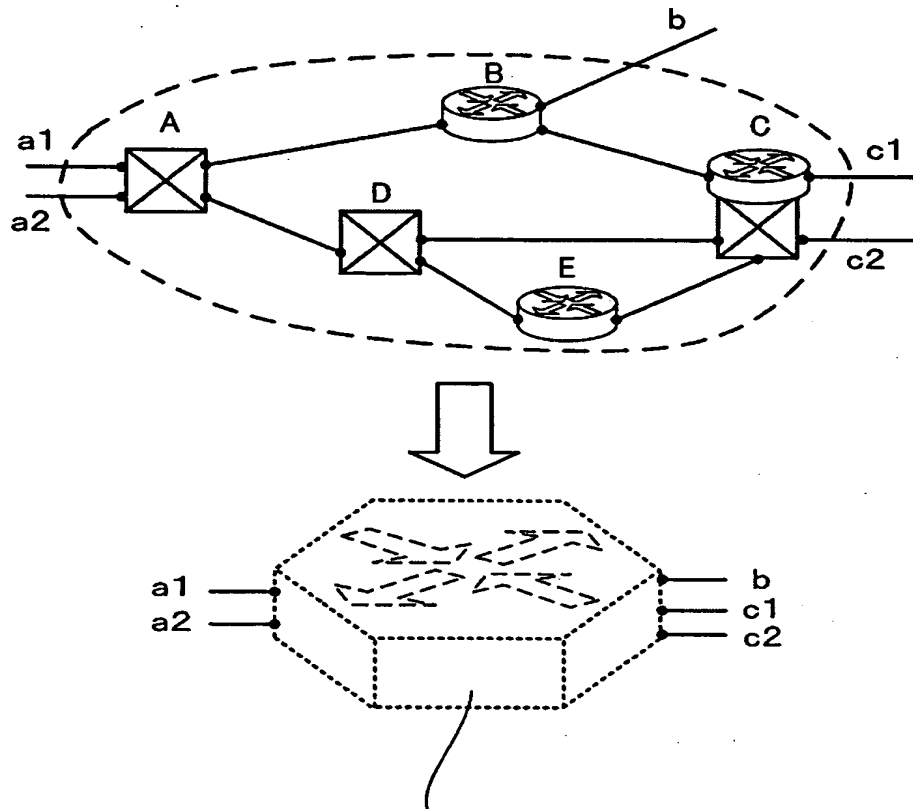


P: NUMBER OF AVAILABLE PSC INTERFACES
W: NUMBER OF AVAILABLE LSC INTERFACES

PSC cost=1/P
LSC cost=1/W

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FIG. 16



P: TOTAL NUMBER OF AVAILABLE PSC INTERFACES
PT: TOTAL NUMBER OF PSC INTERFACES
W: TOTAL NUMBER OF AVAILABLE LSC INTERFACES
WT: TOTAL NUMBER OF LSC INTERFACES

$$\text{PSC cost} = 1 - P/PT$$

$$\text{LSC cost} = 1 - W/WT$$

FIG. 17

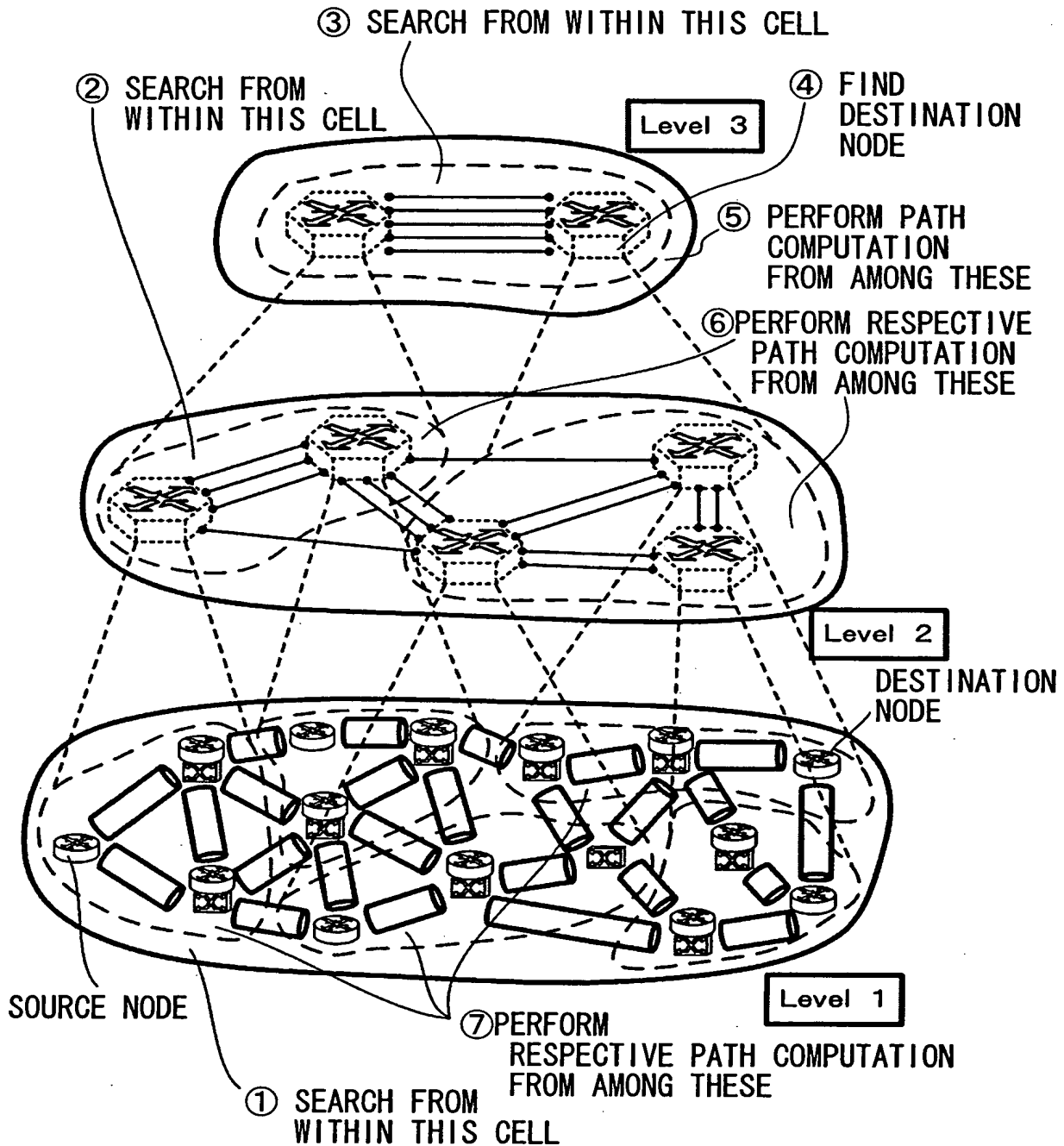


FIG. 18

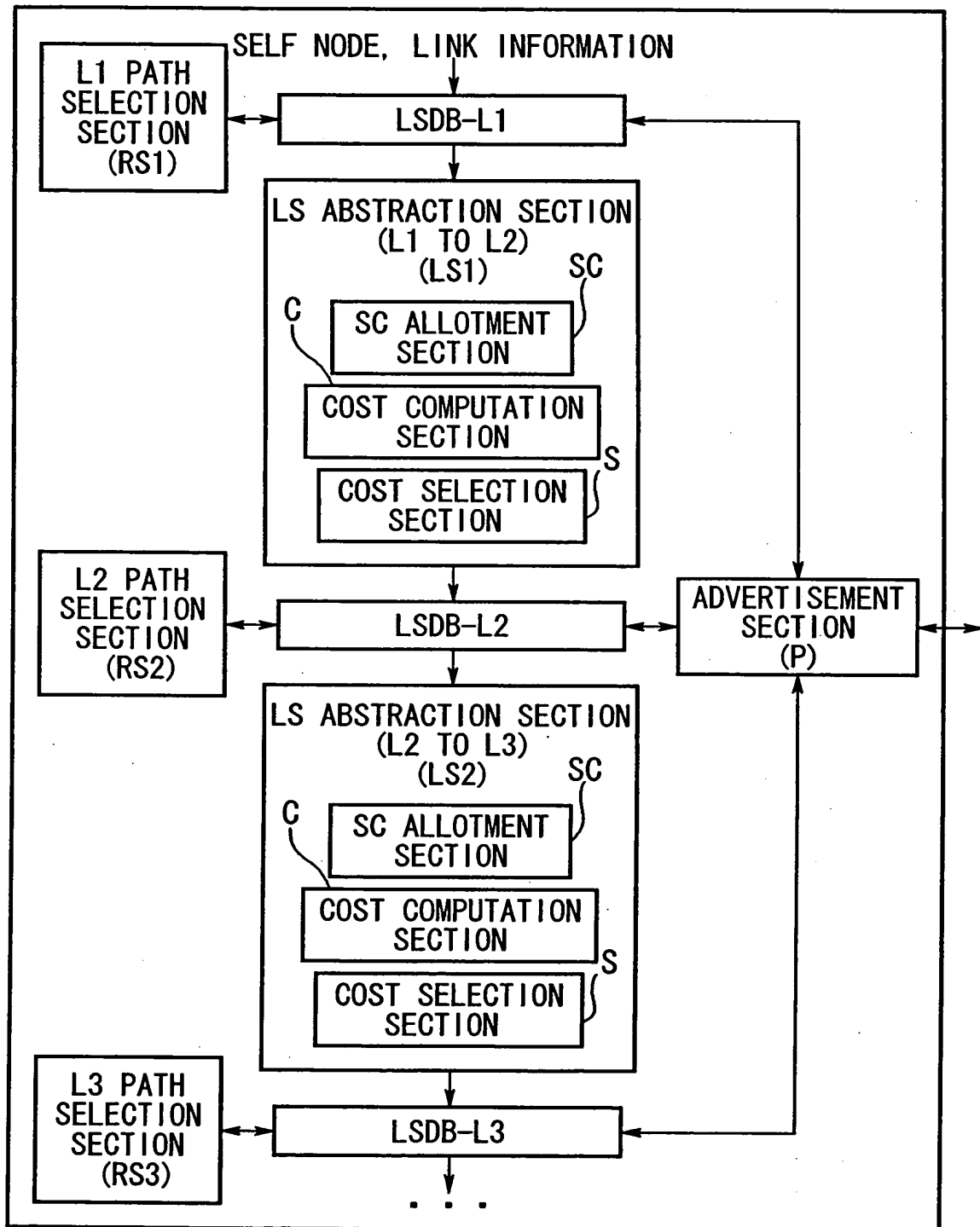
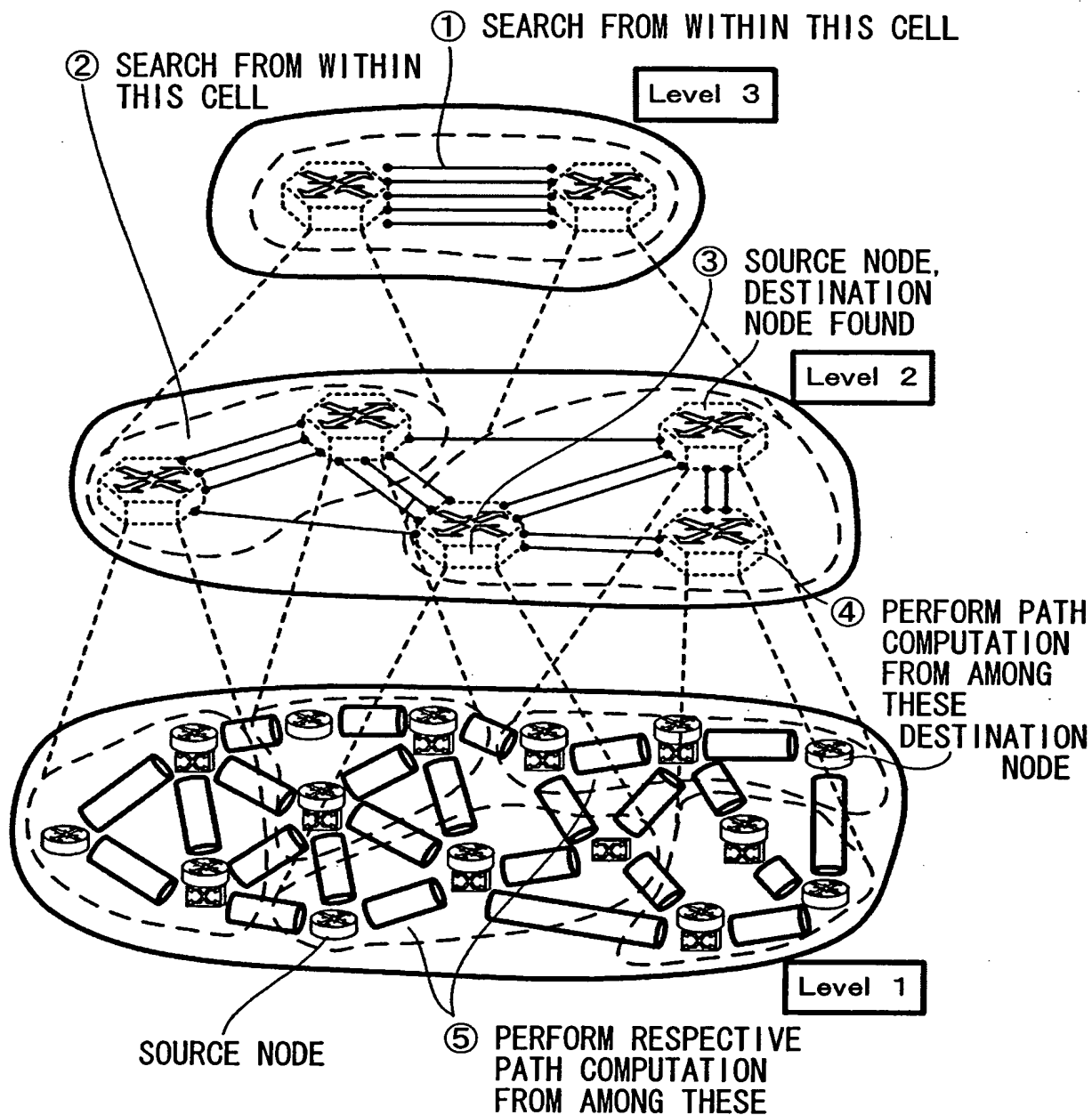


FIG. 19



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FIG. 20

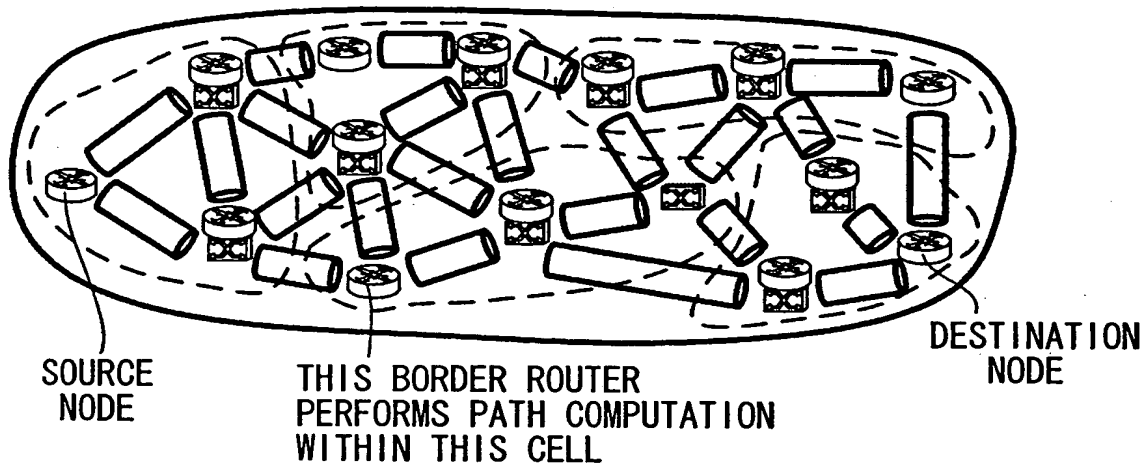


FIG. 21

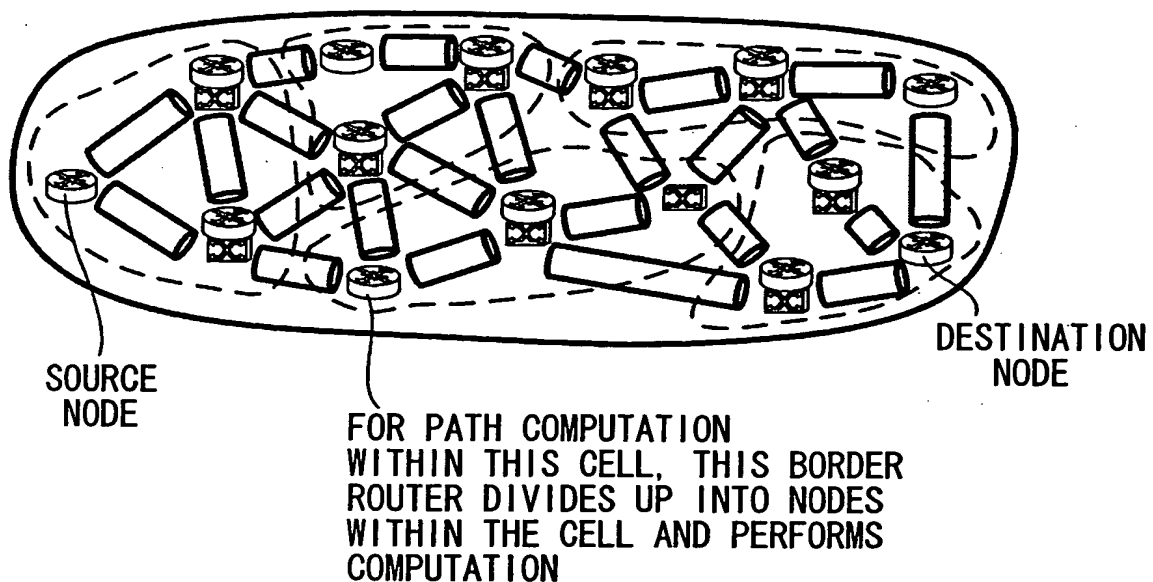


FIG. 22

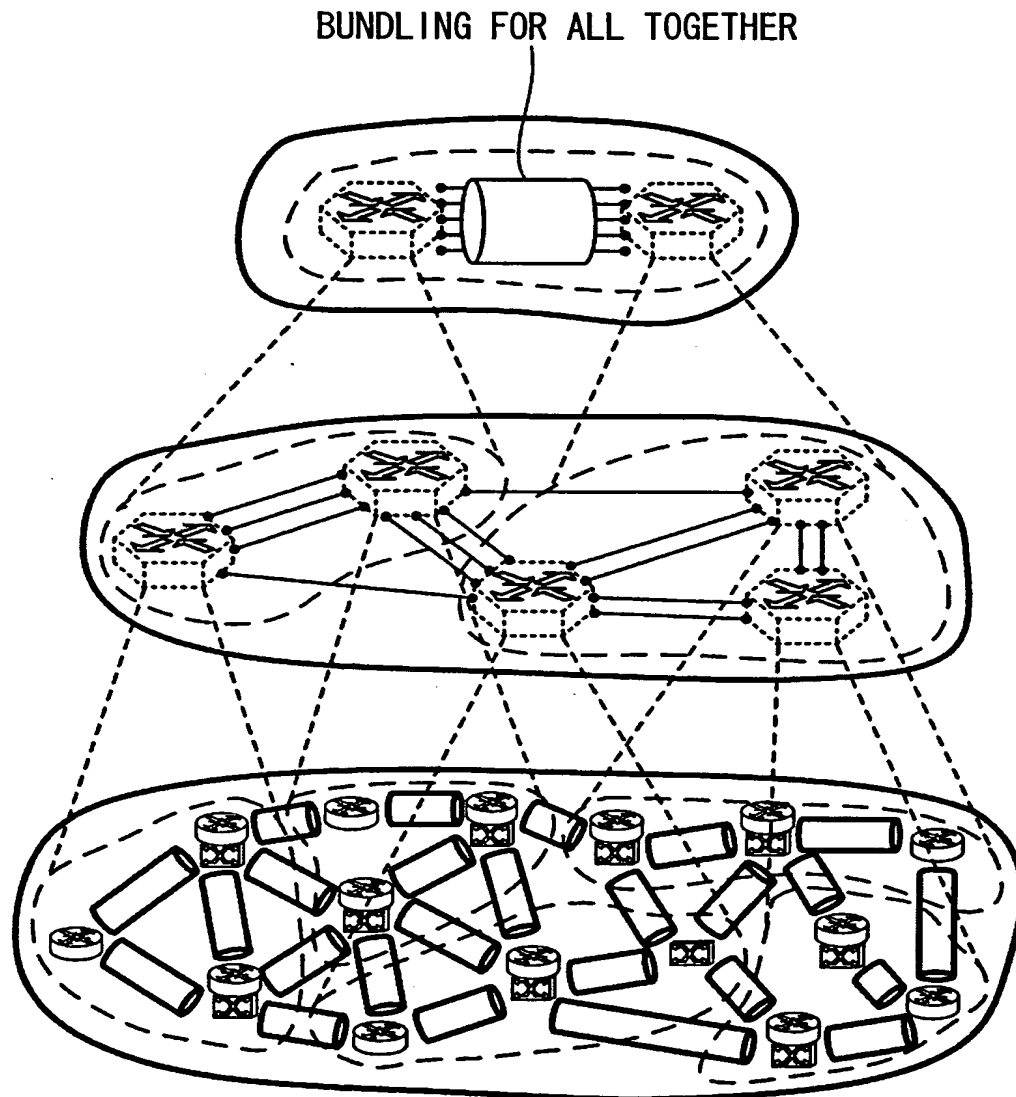


FIG. 23

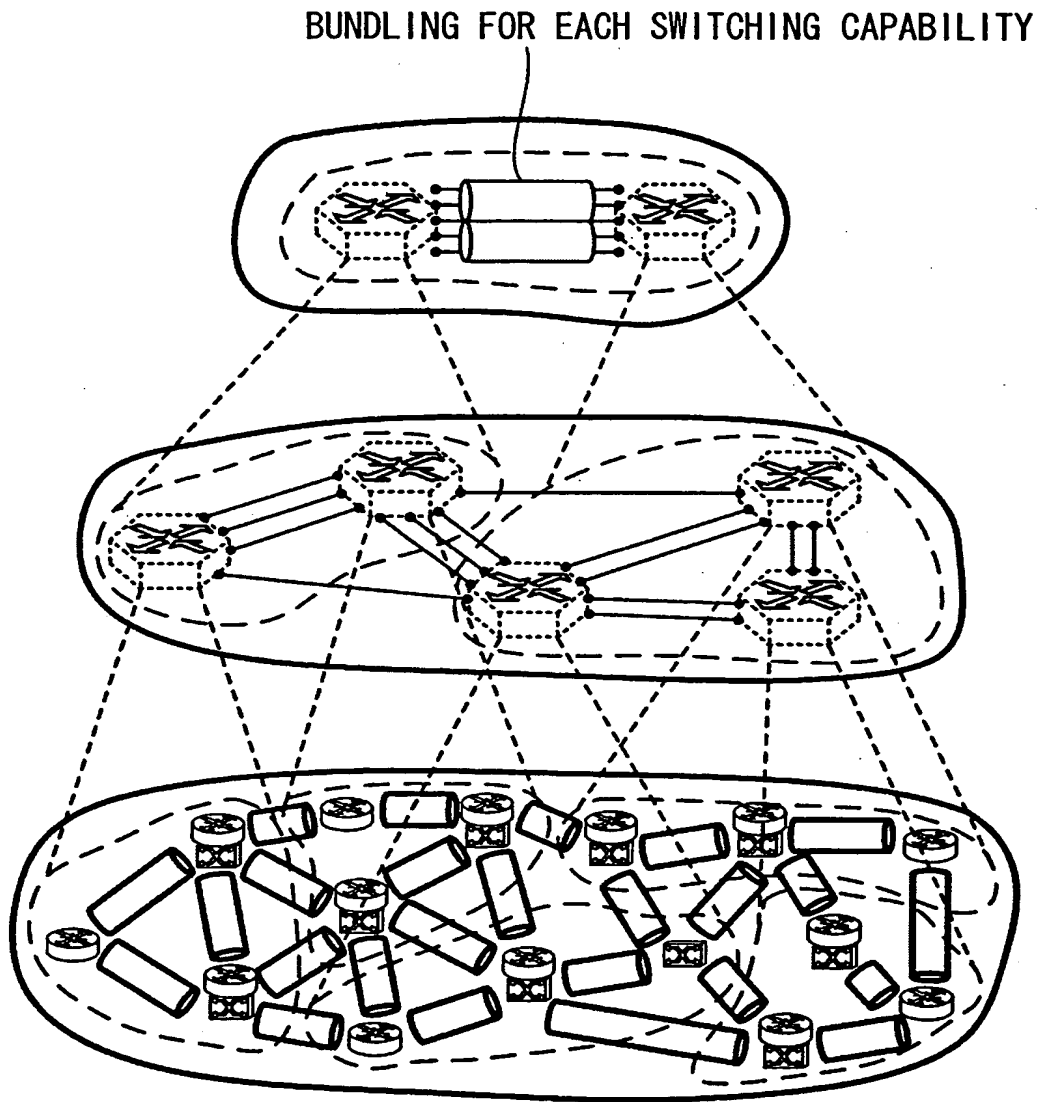


FIG. 24

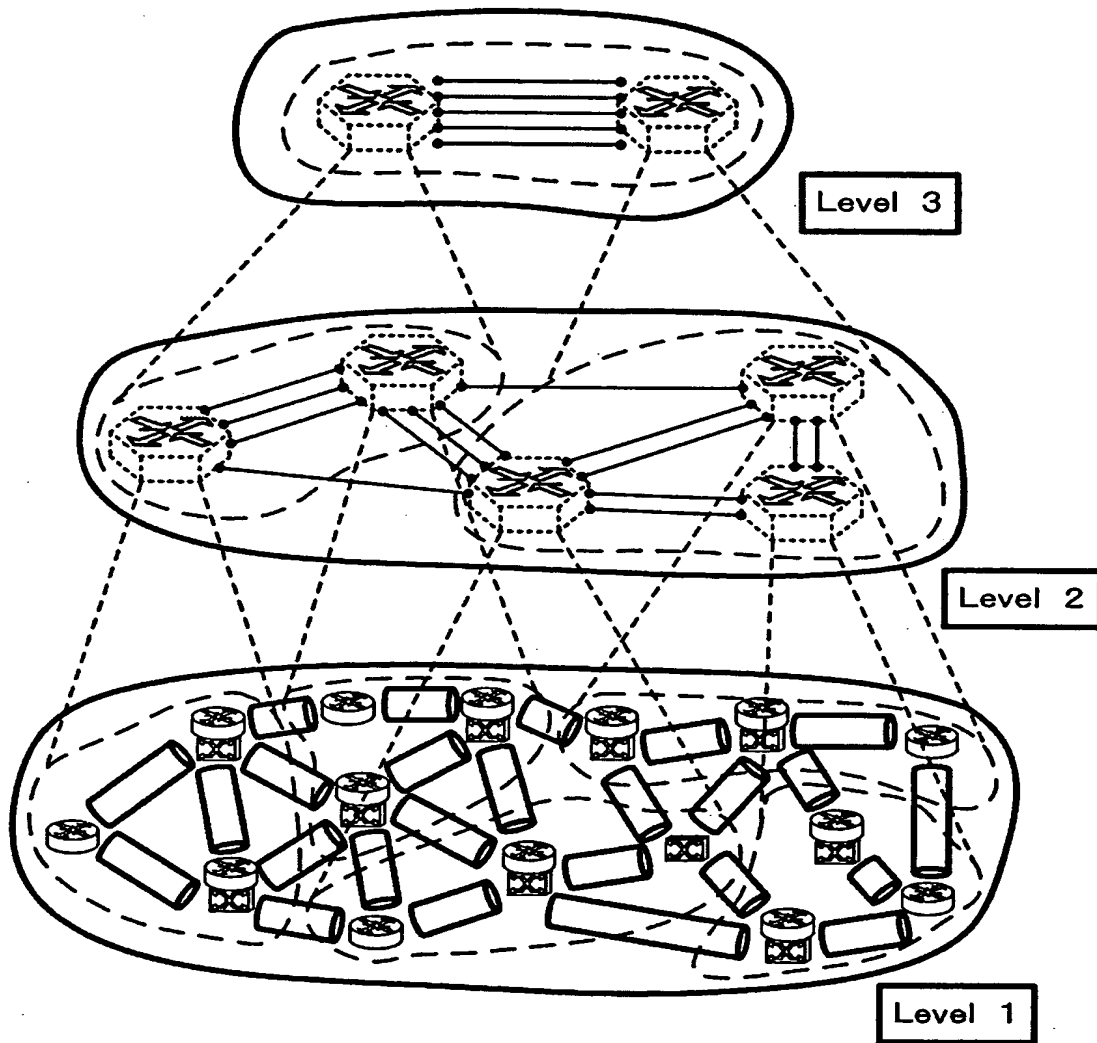


FIG. 25

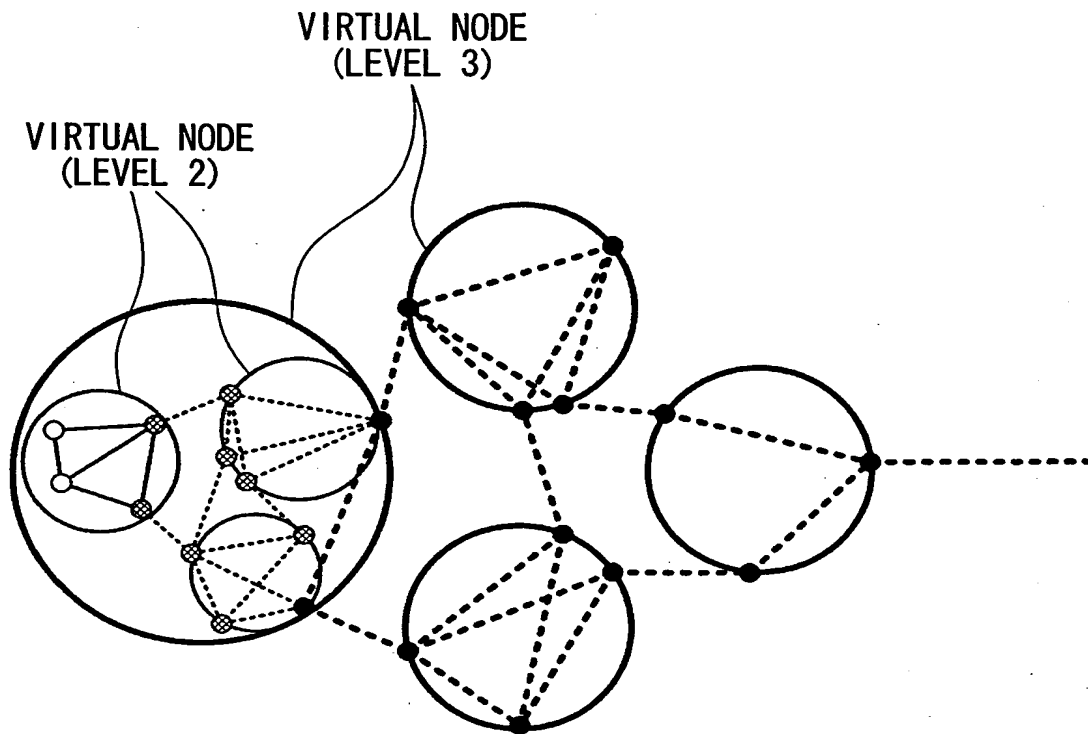
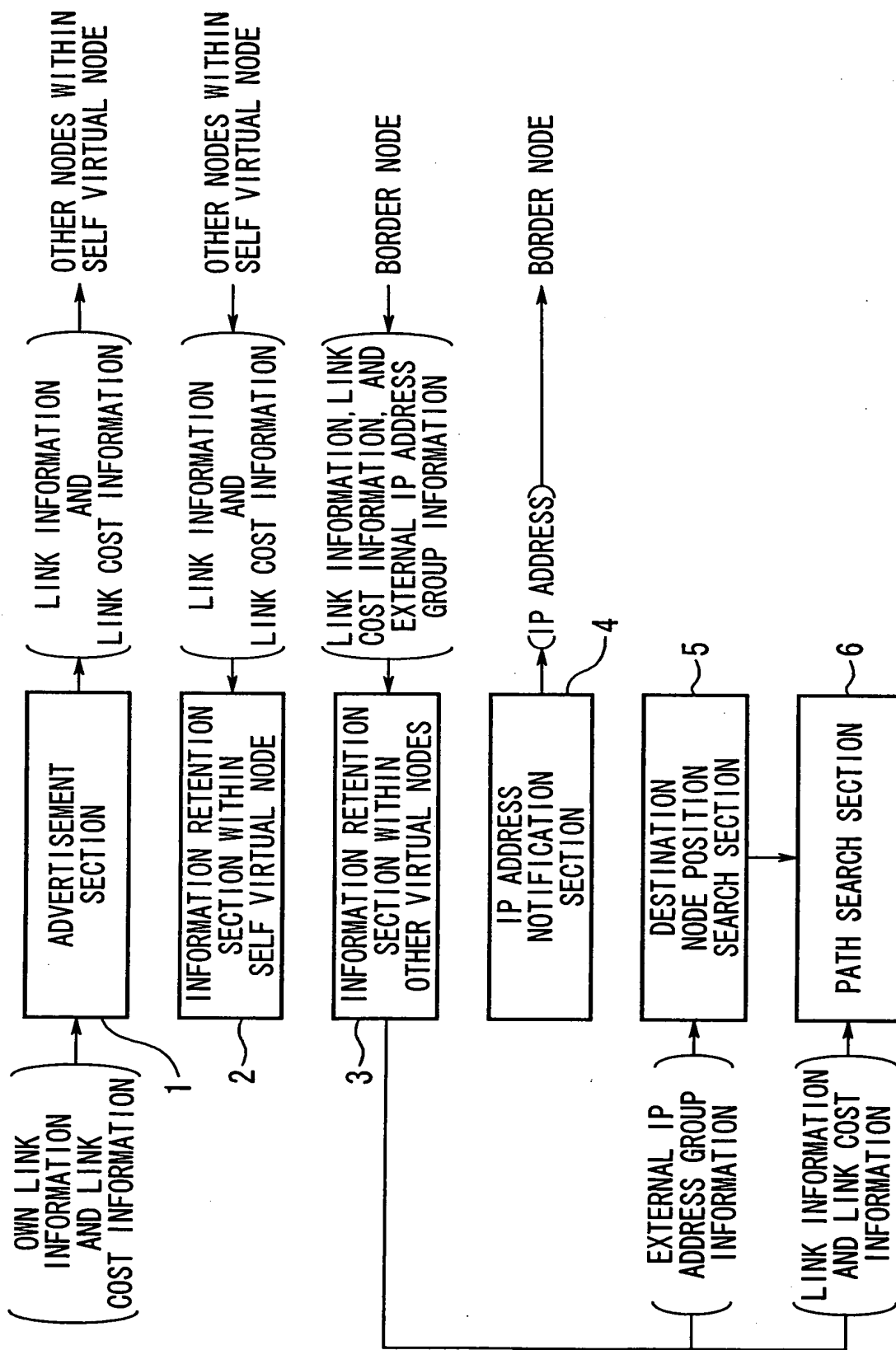


FIG. 26



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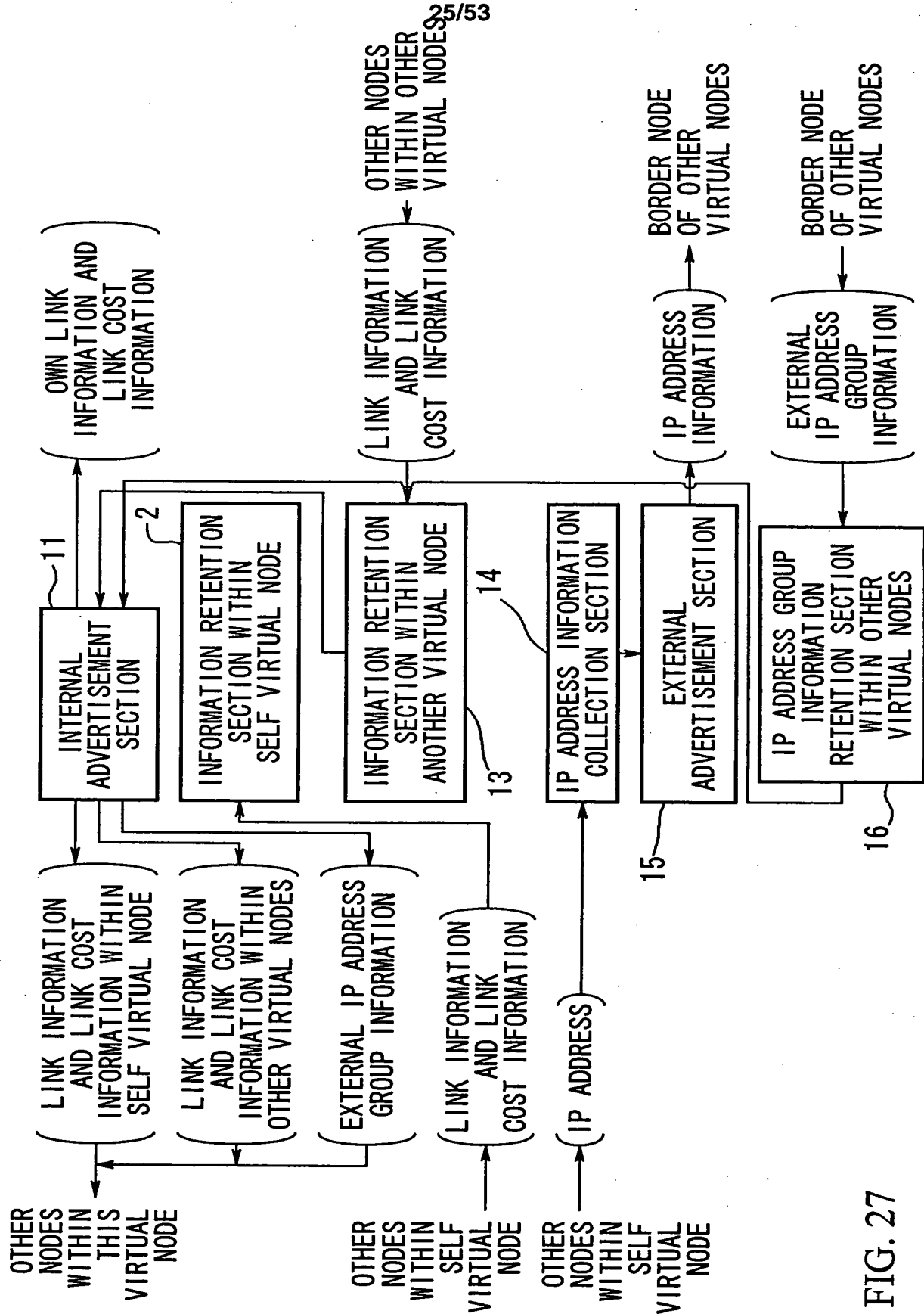
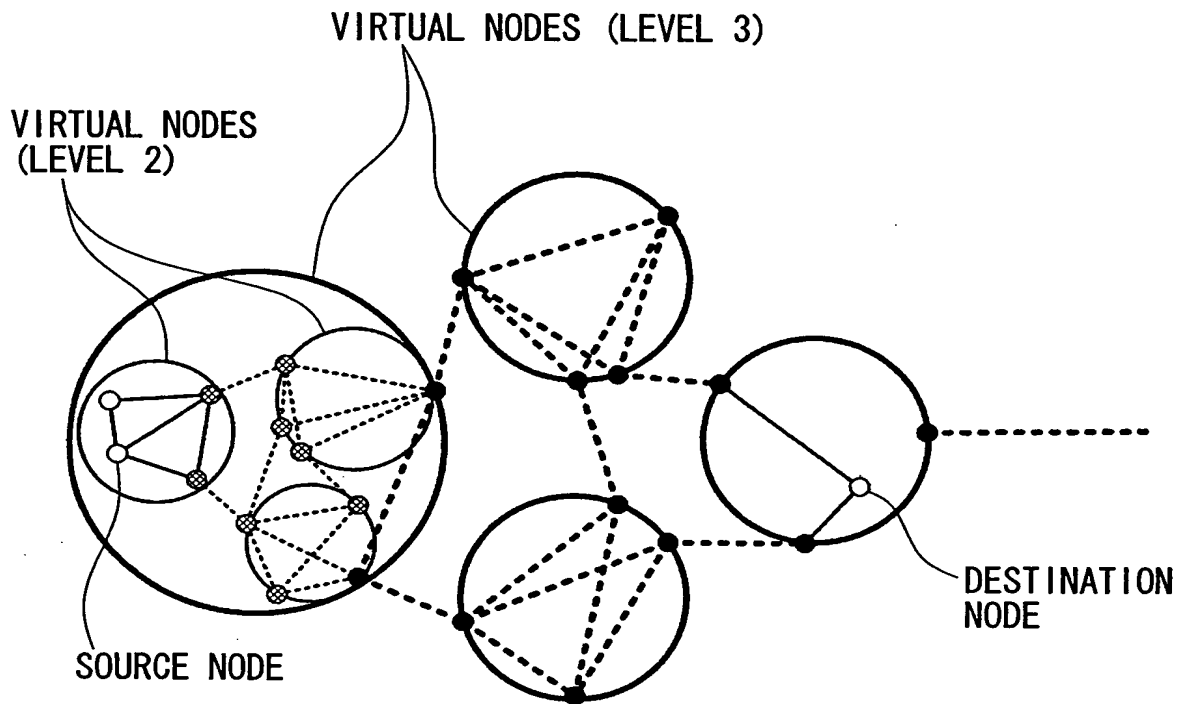


FIG. 27

FIG. 28



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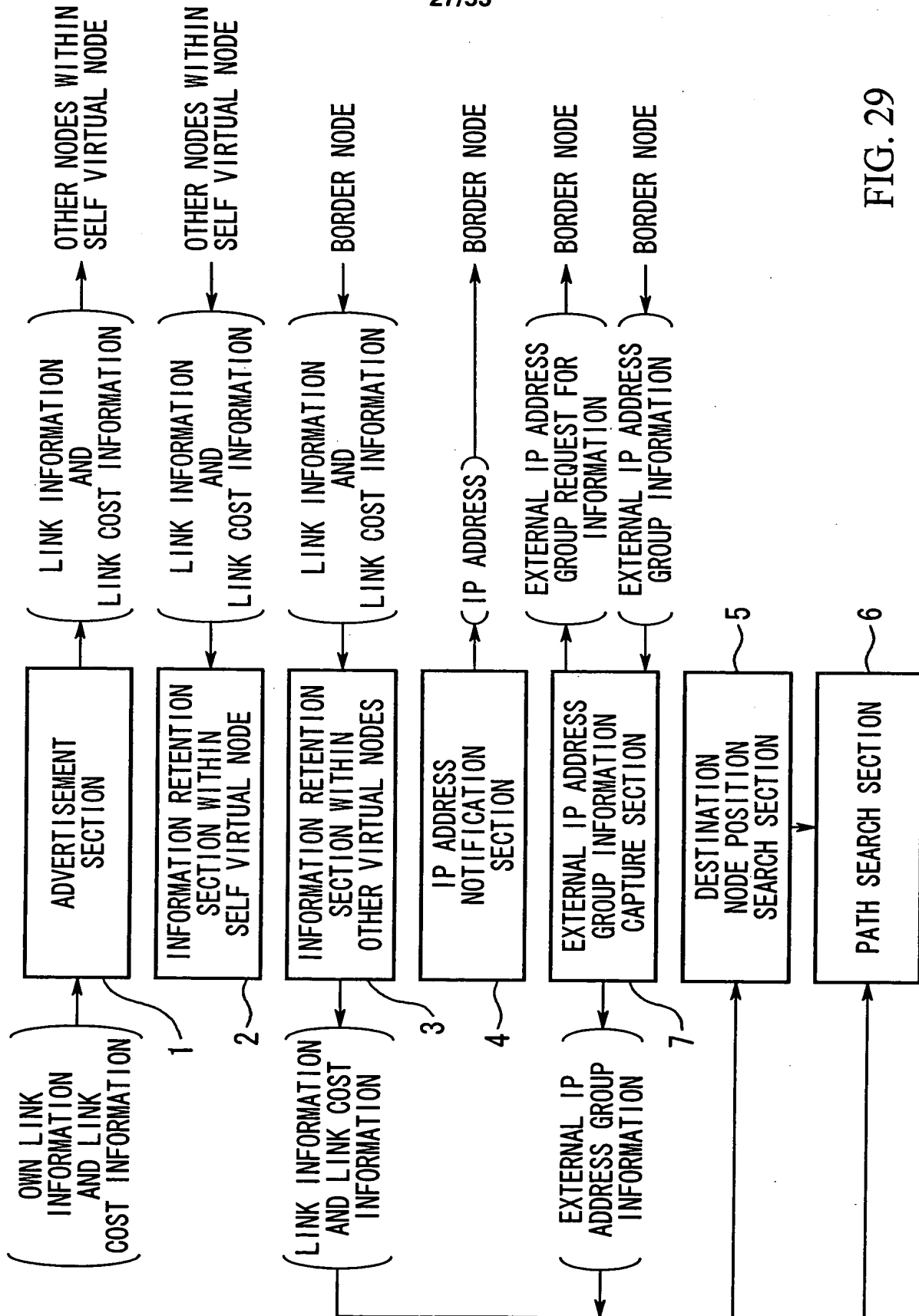
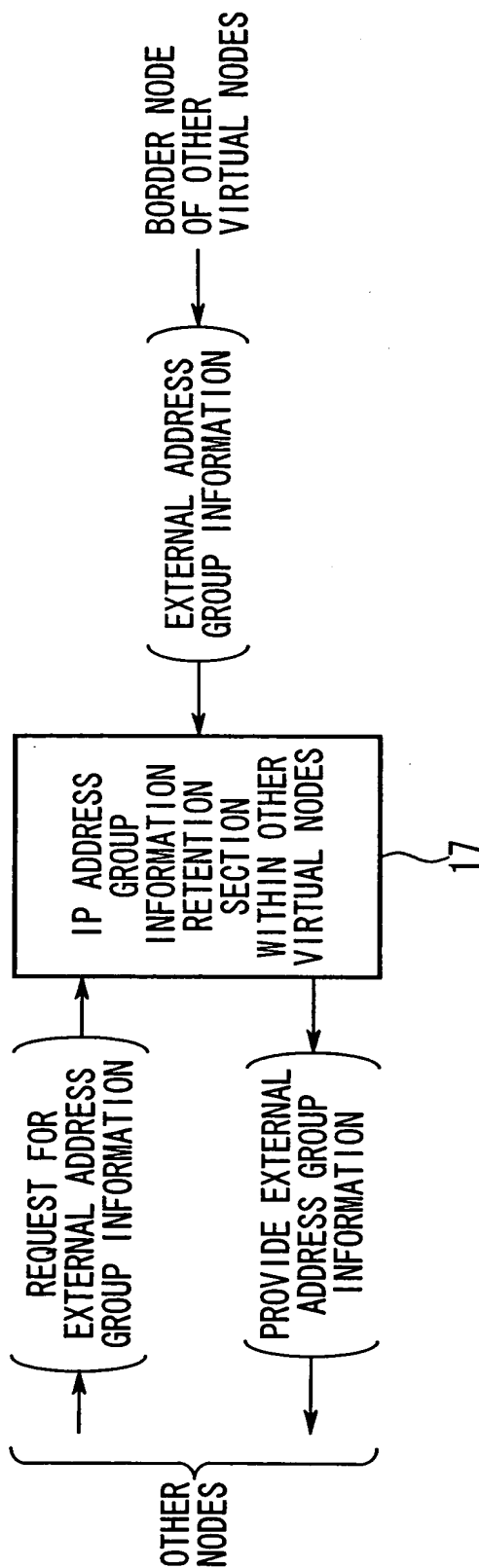


FIG. 29

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FIG. 30



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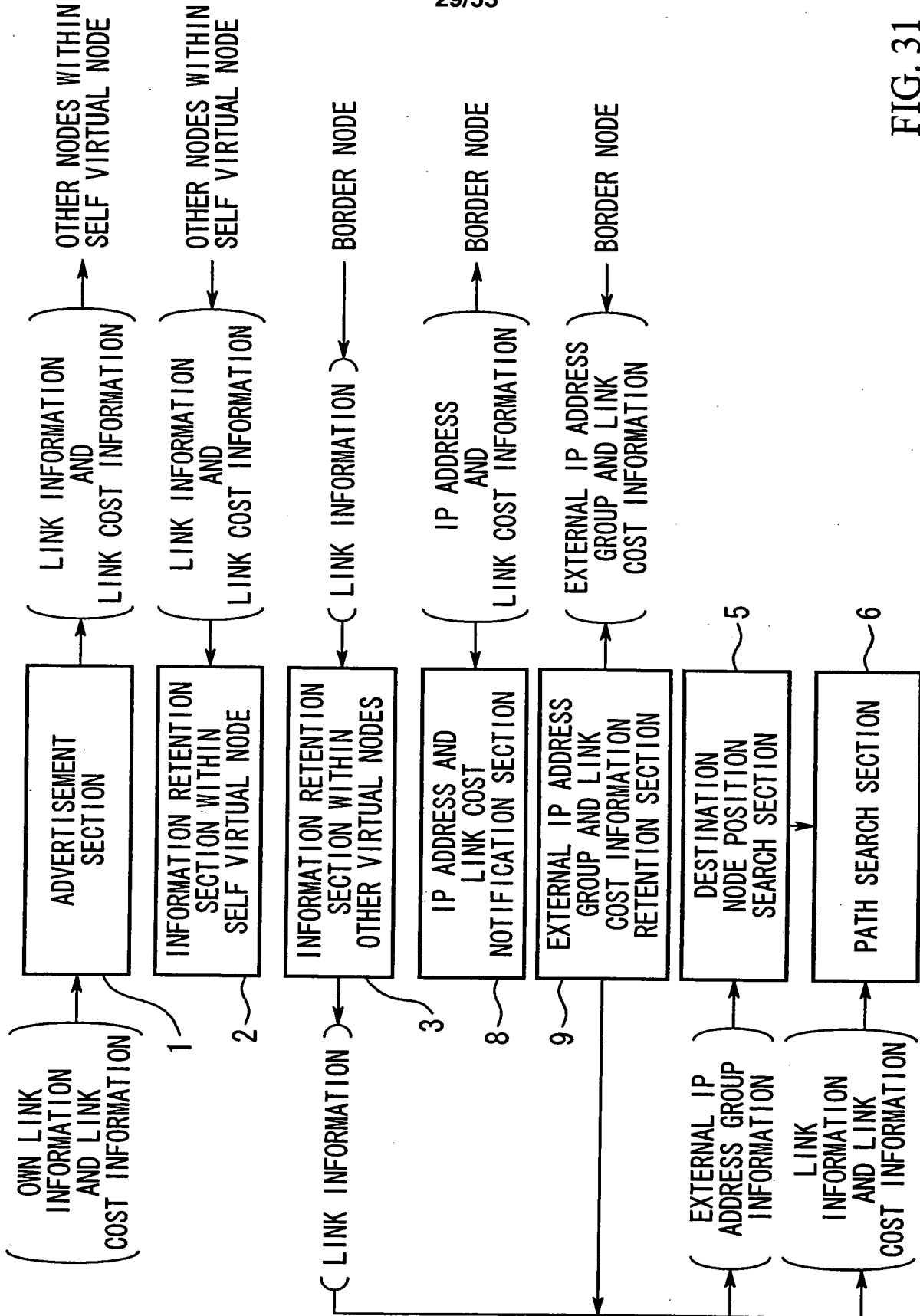
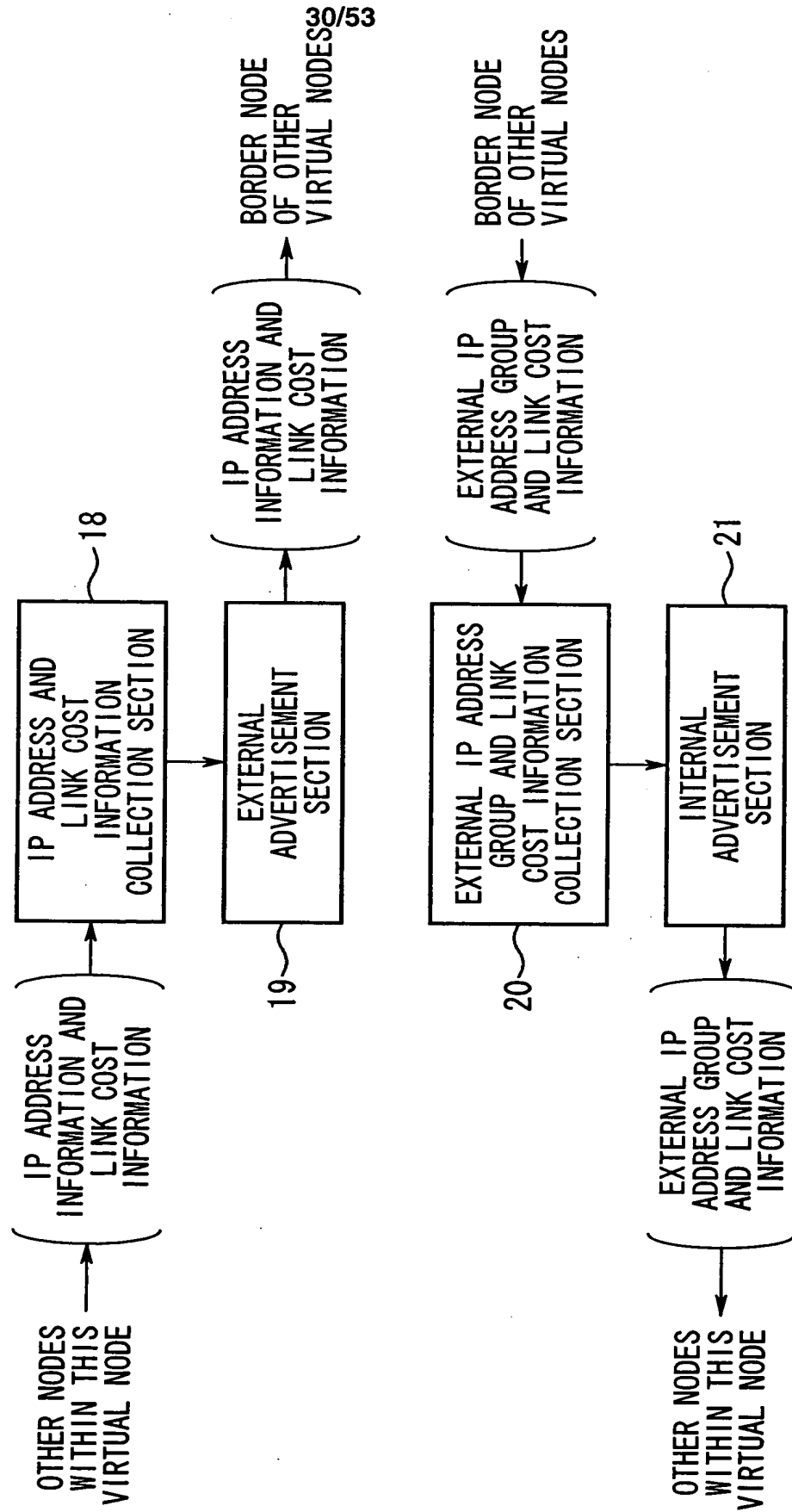


FIG. 31

FIG. 32



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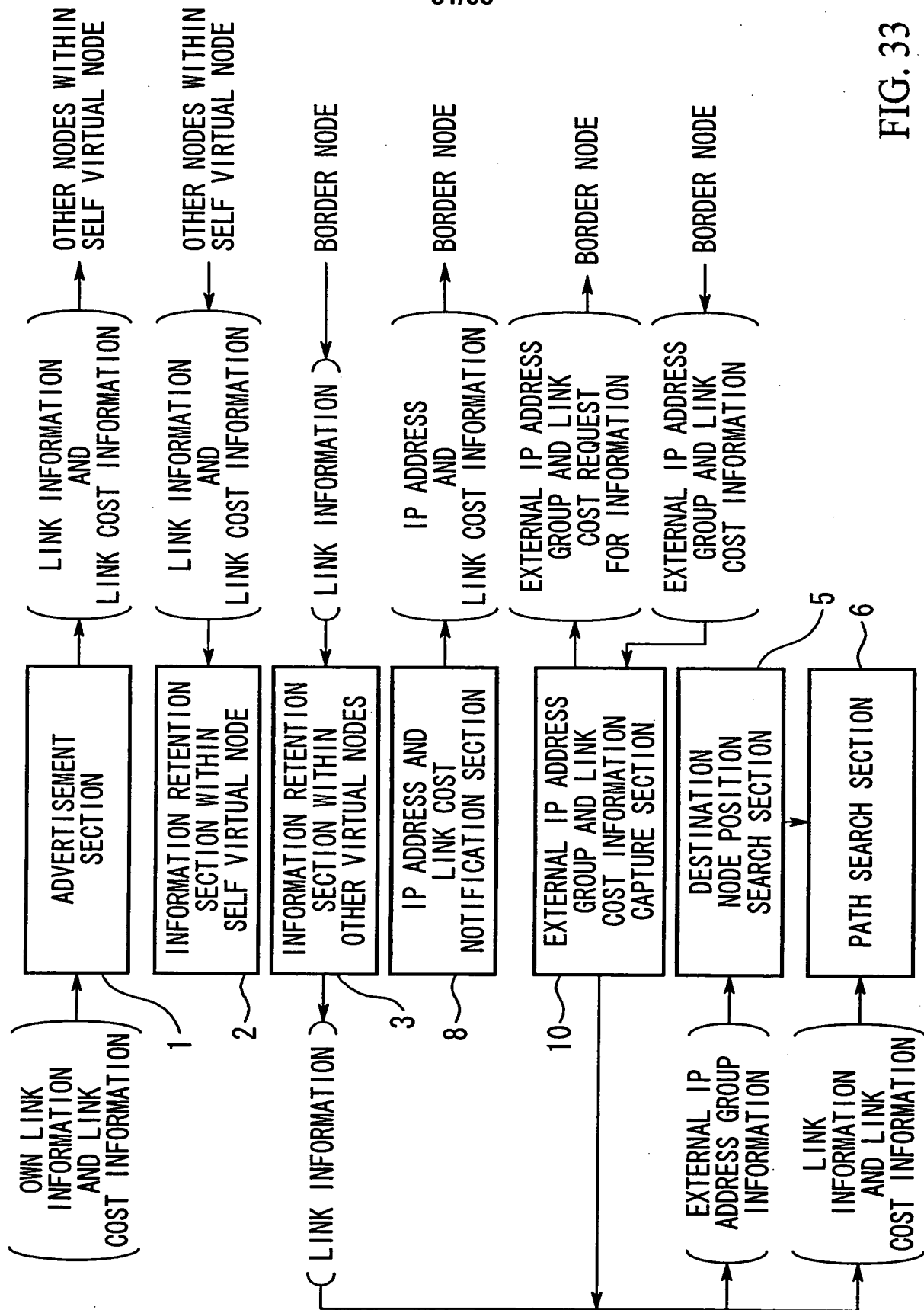
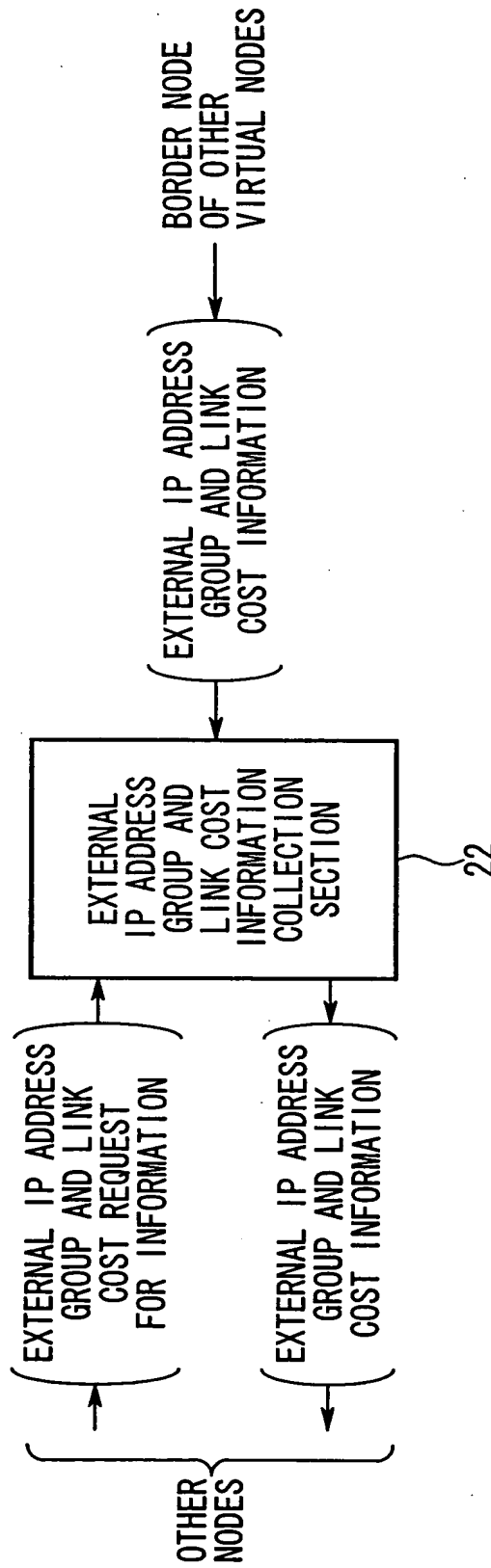


FIG. 33

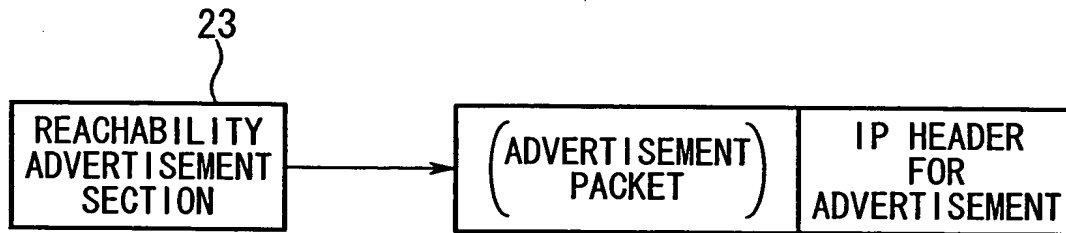
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FIG. 34



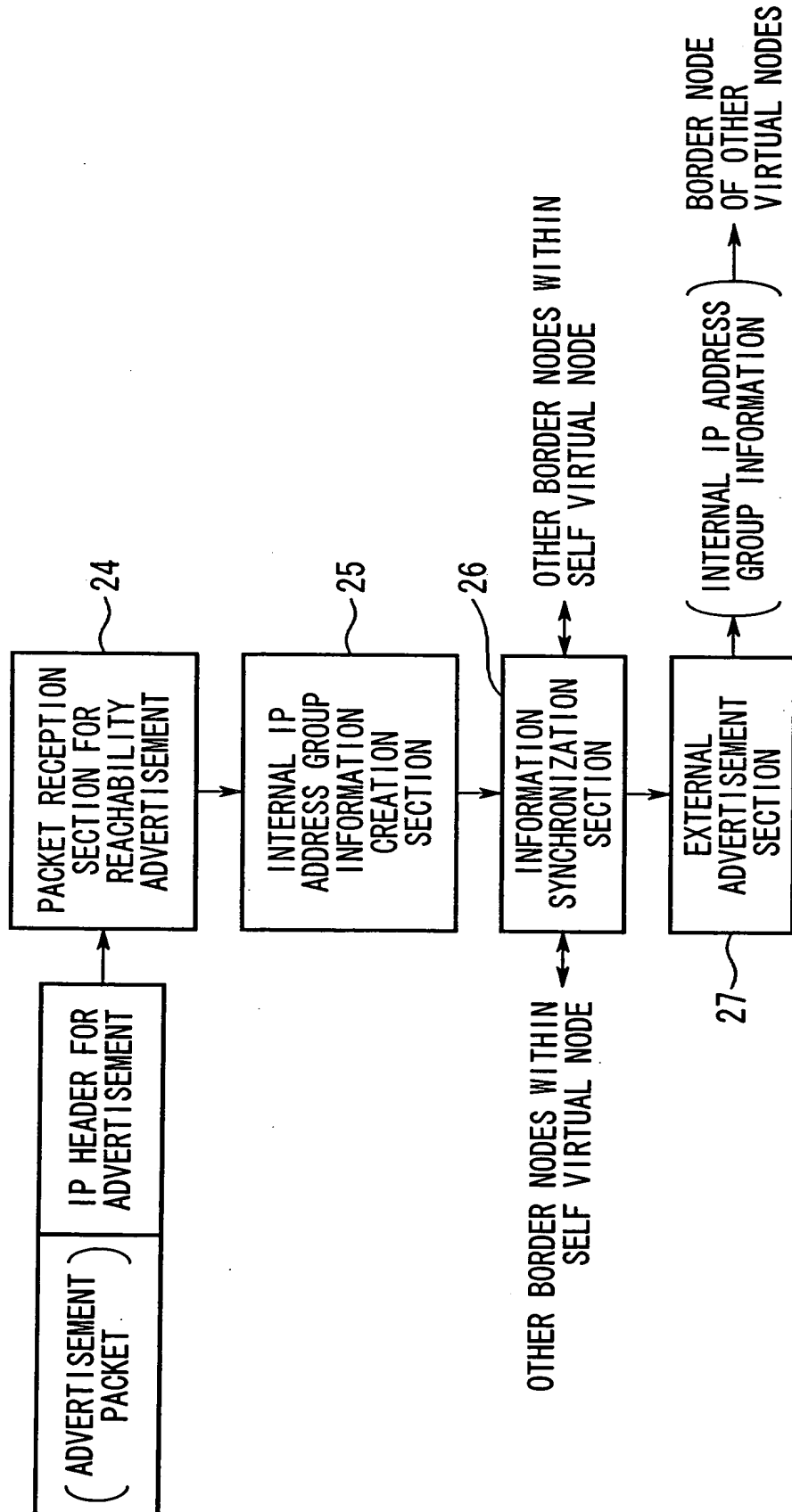
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FIG. 35



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FIG. 36



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FIG. 37

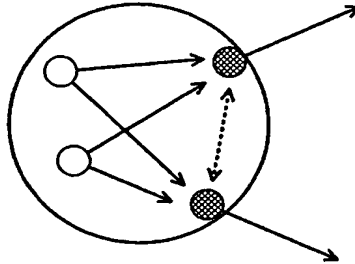


FIG. 38

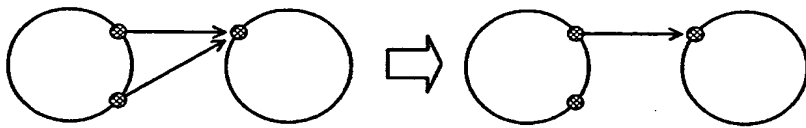


FIG. 44

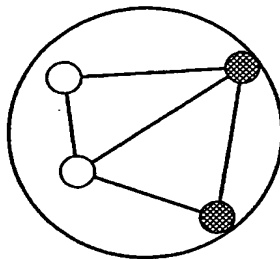
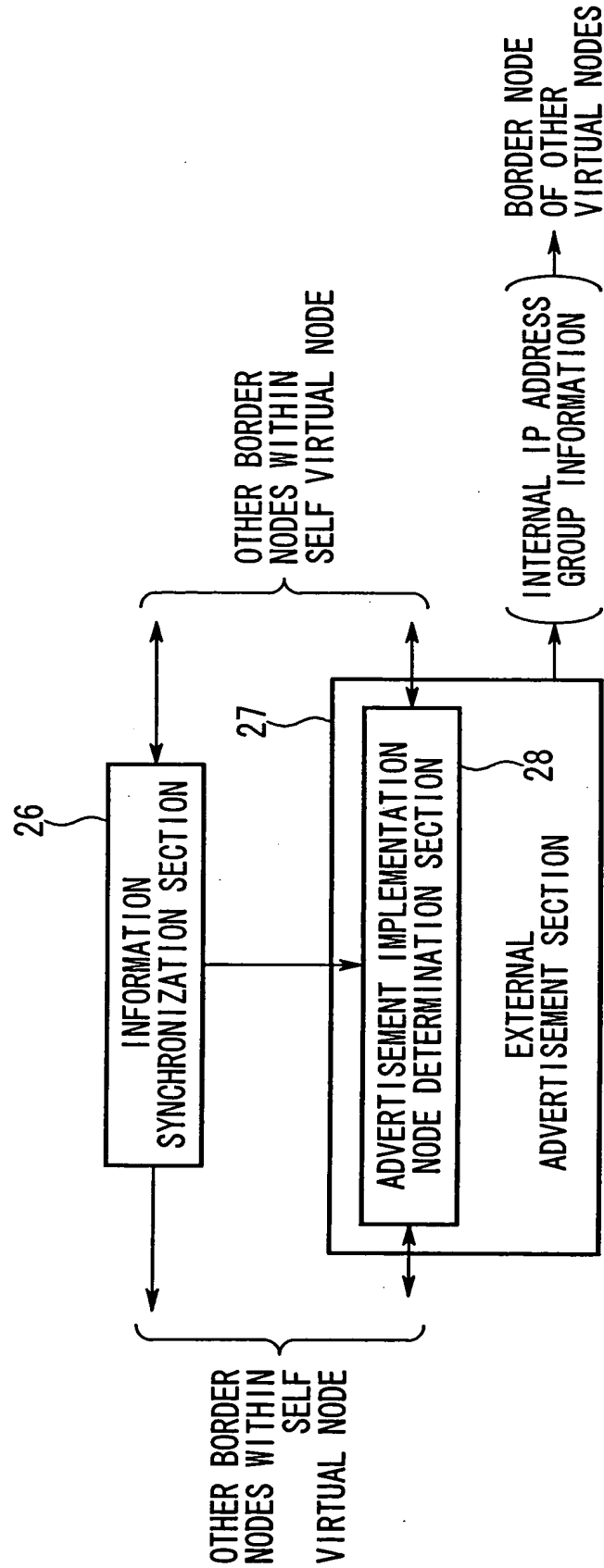


FIG. 39



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FIG. 40

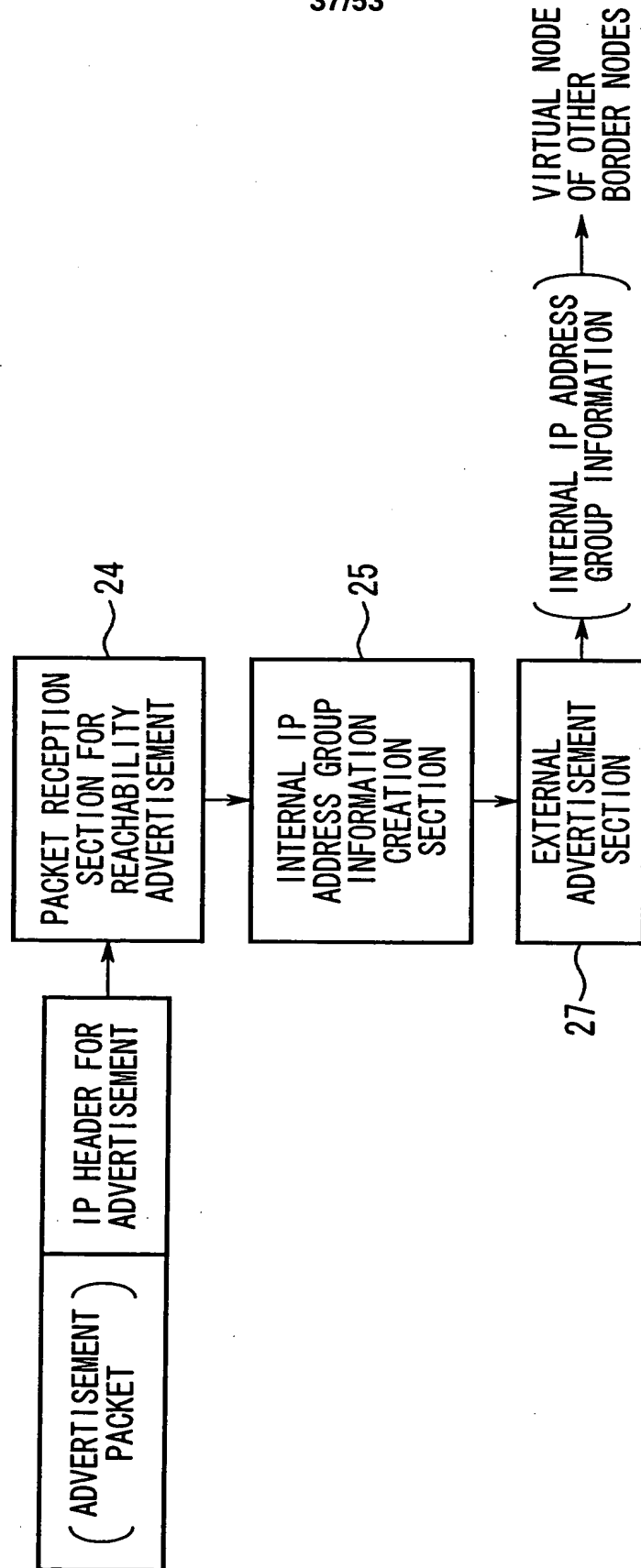


FIG. 41

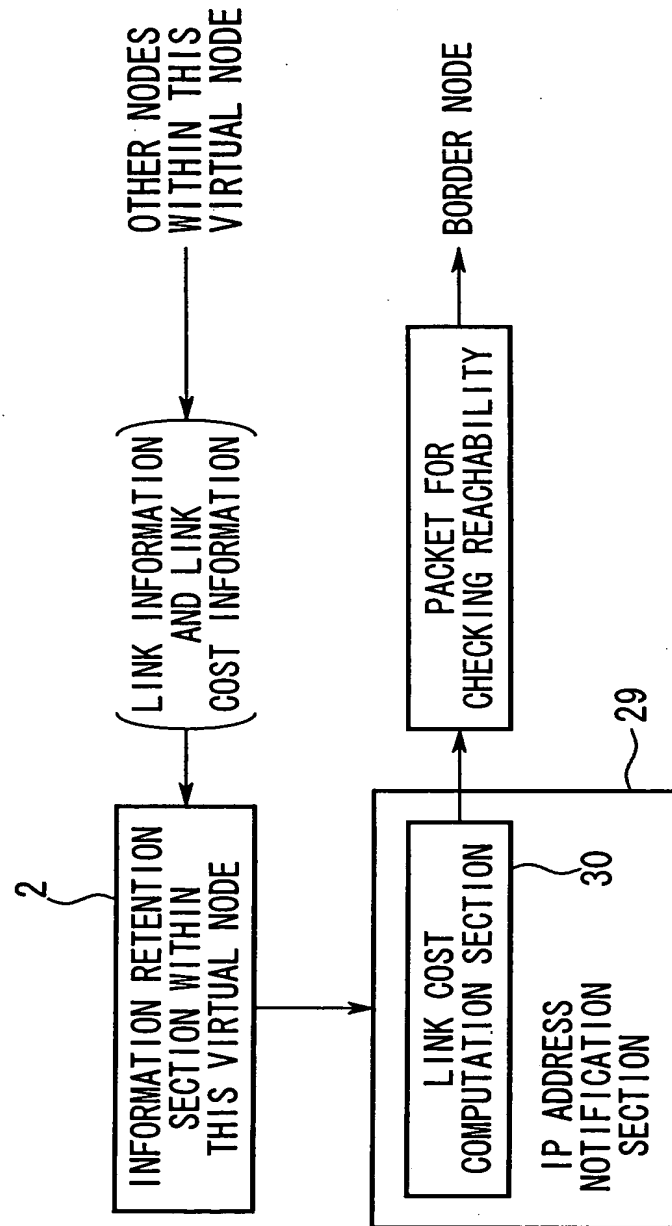


FIG. 42

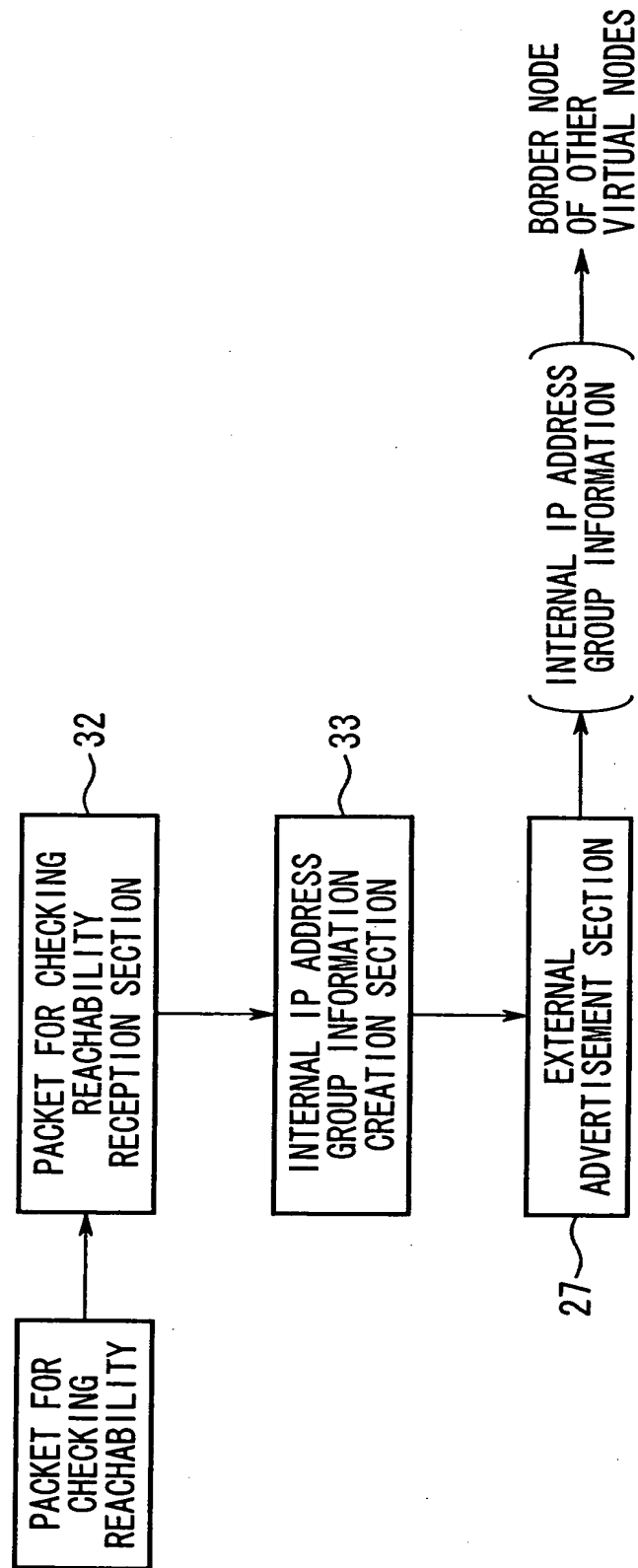
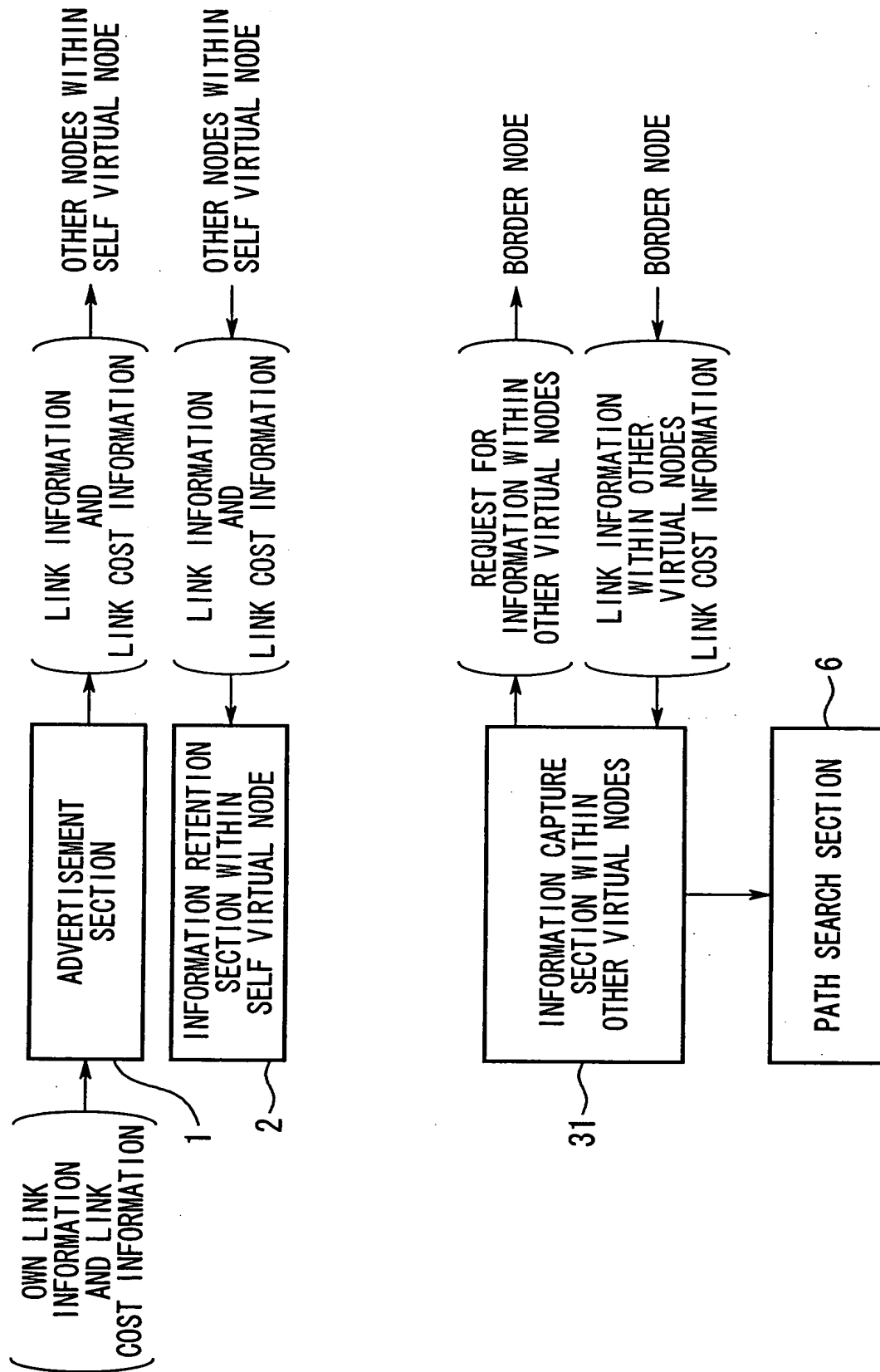
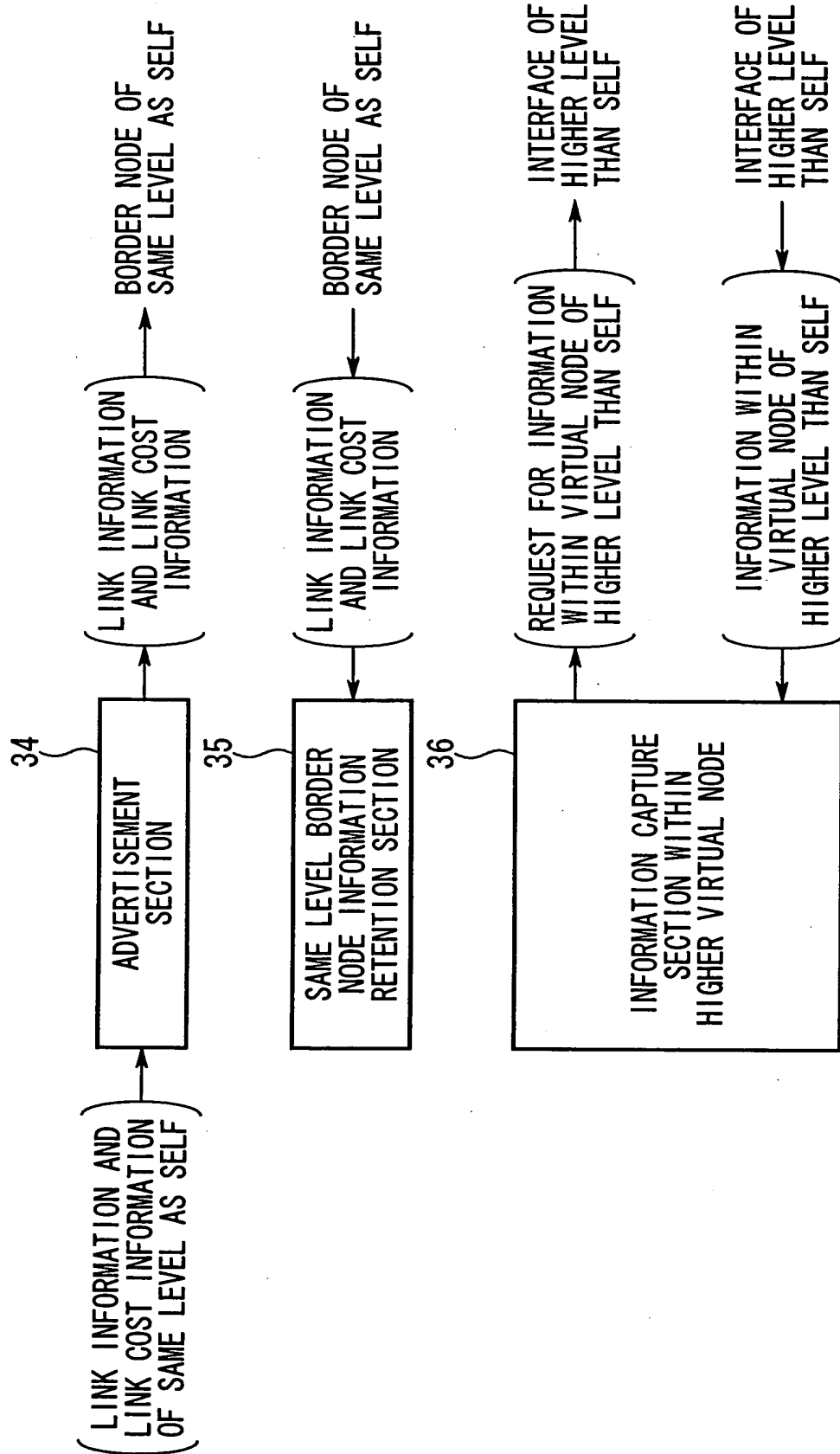


FIG. 43



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FIG. 45



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FIG. 46

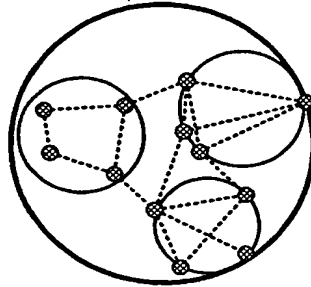


FIG. 47

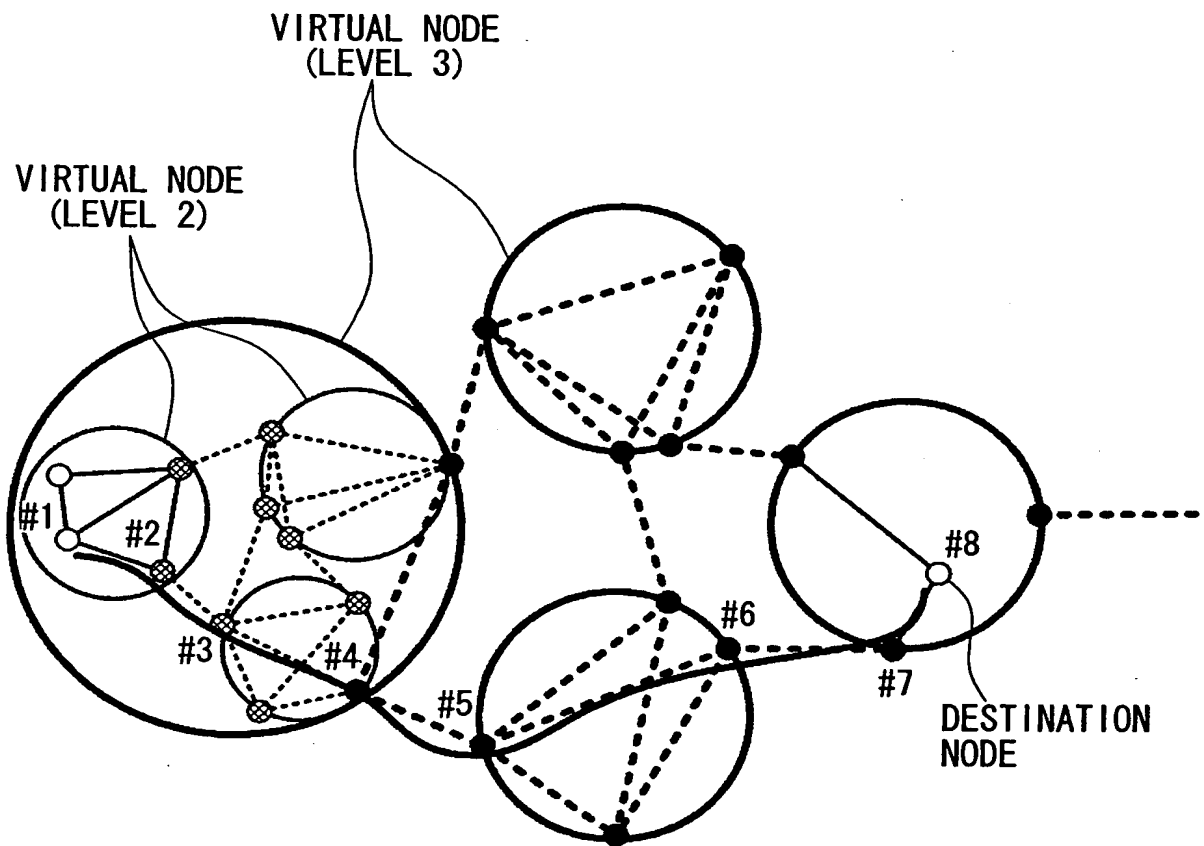
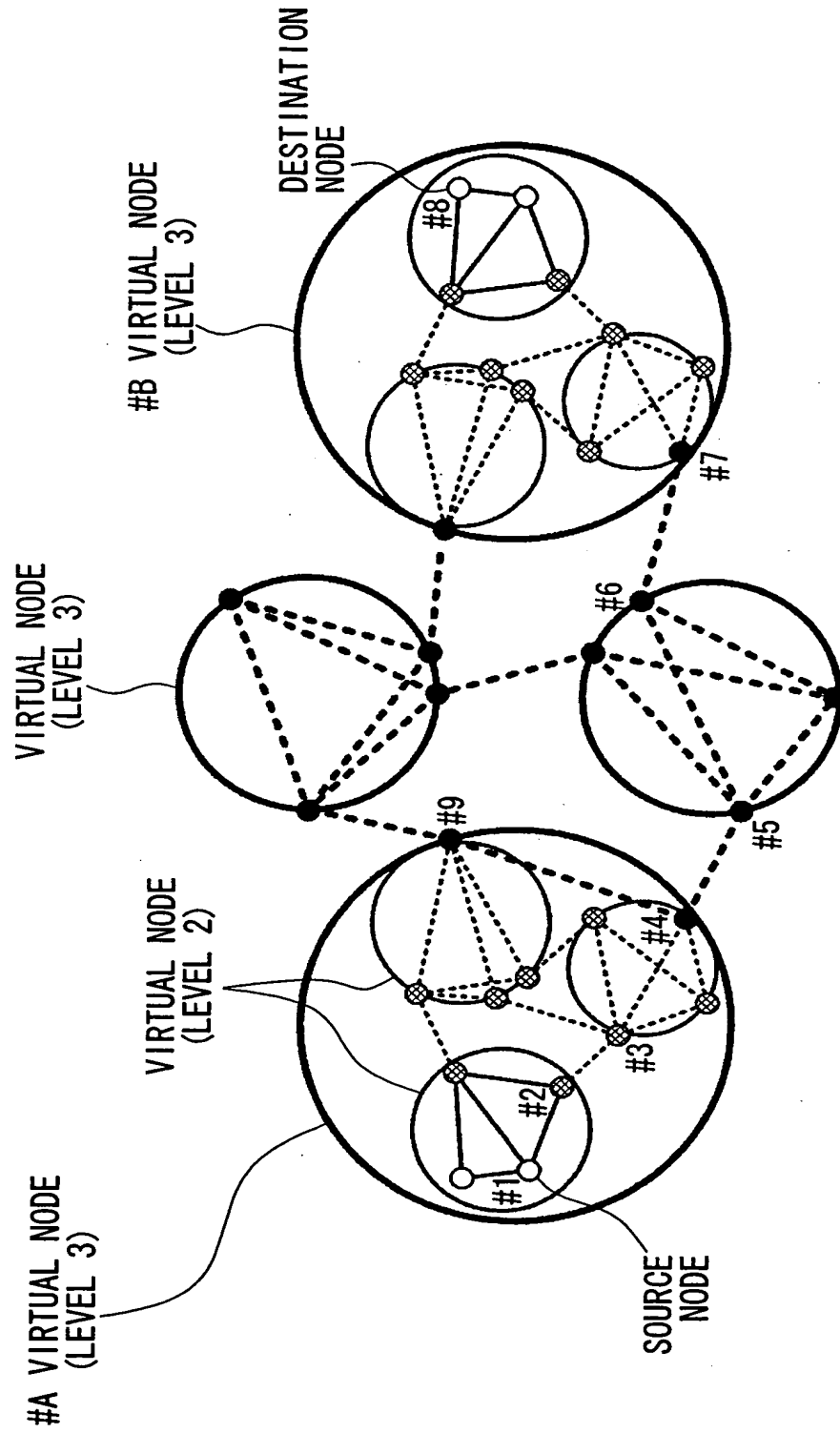


FIG. 48



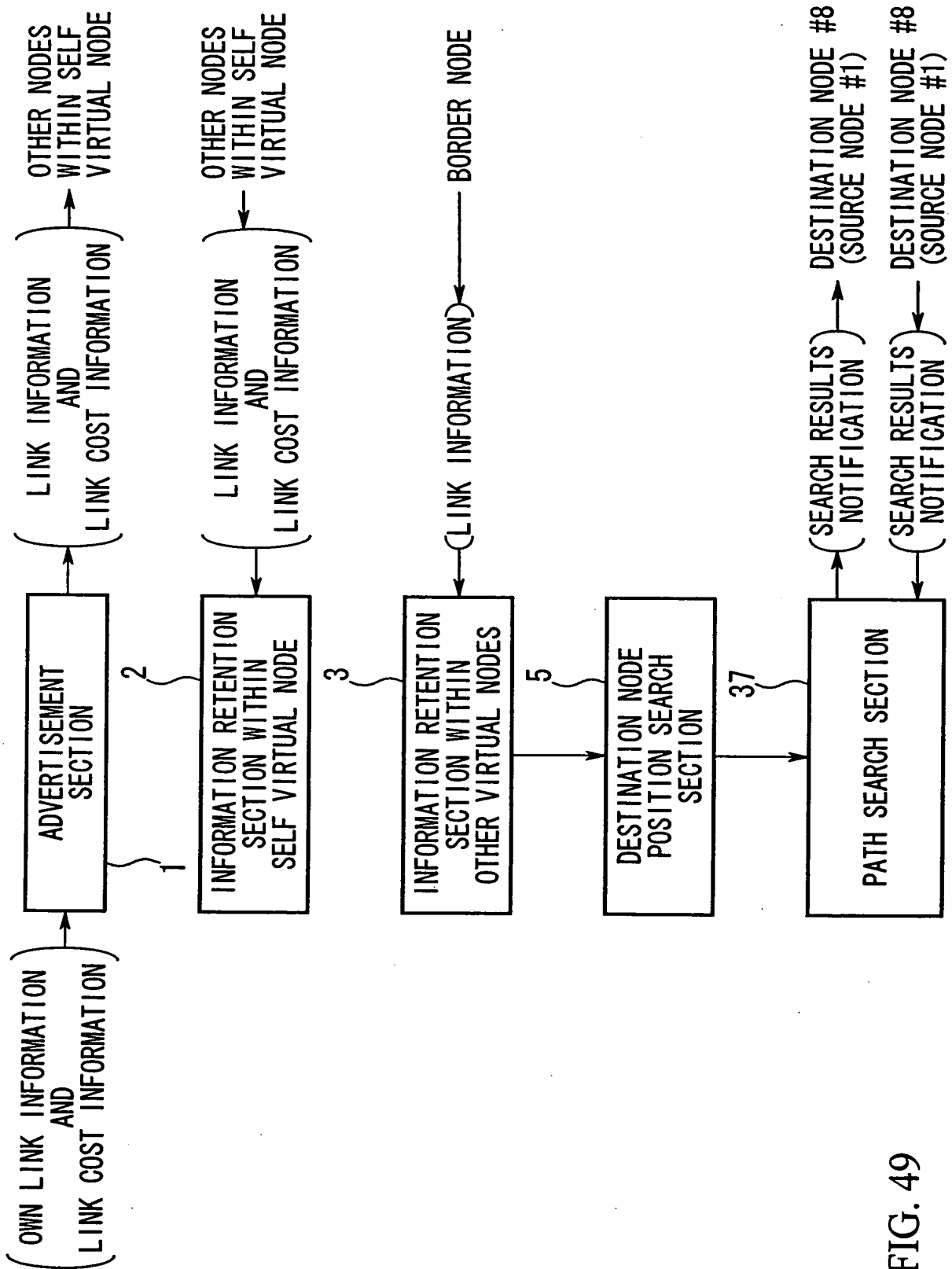
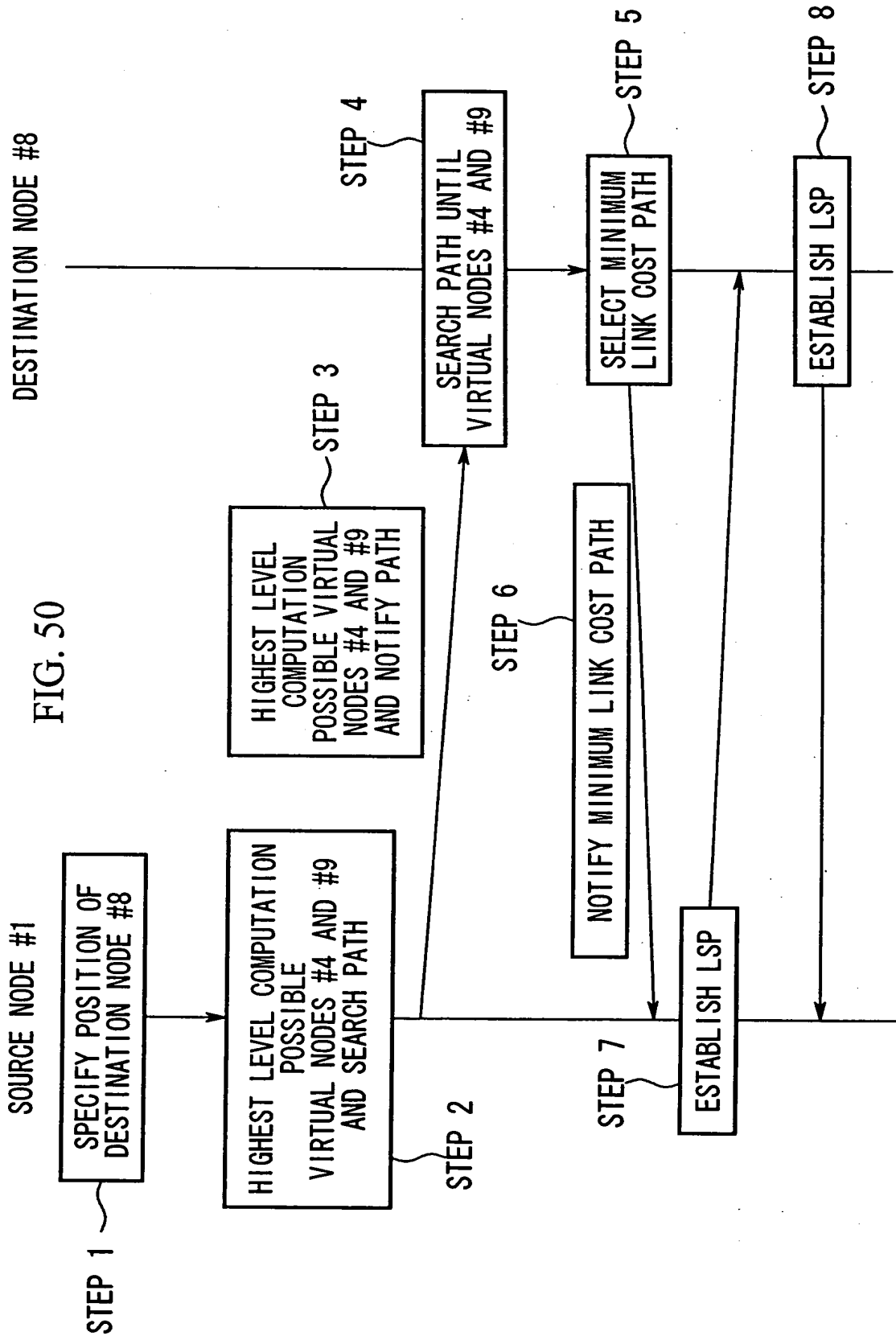


FIG. 49

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FIG. 51

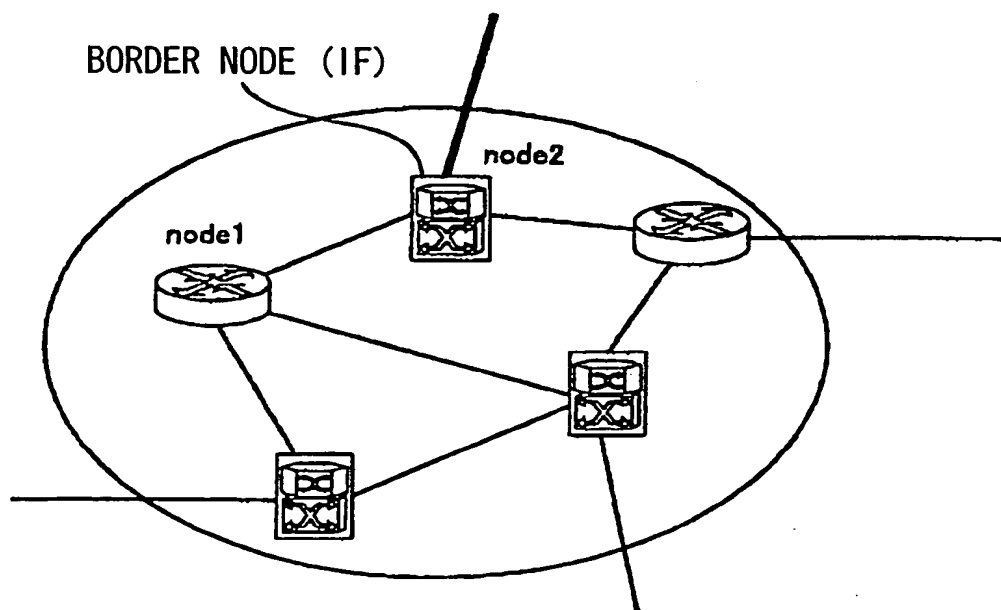


FIG. 52

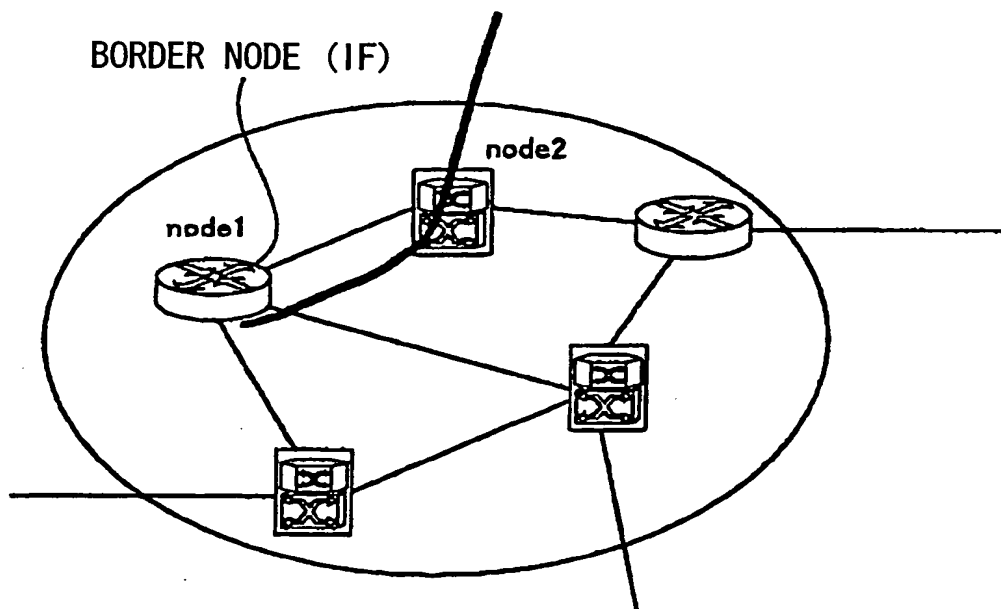


FIG. 53

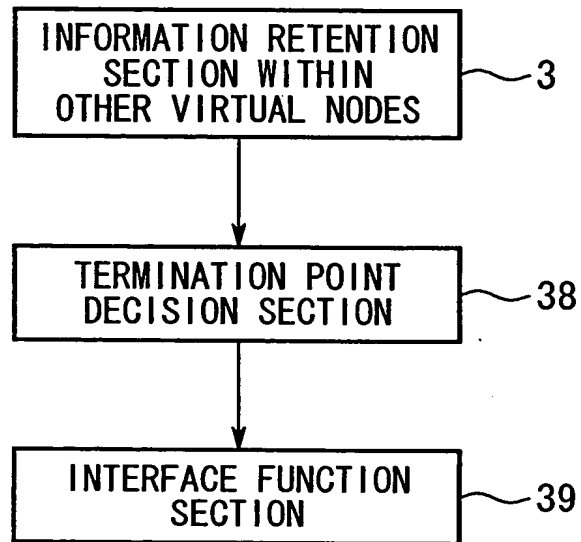
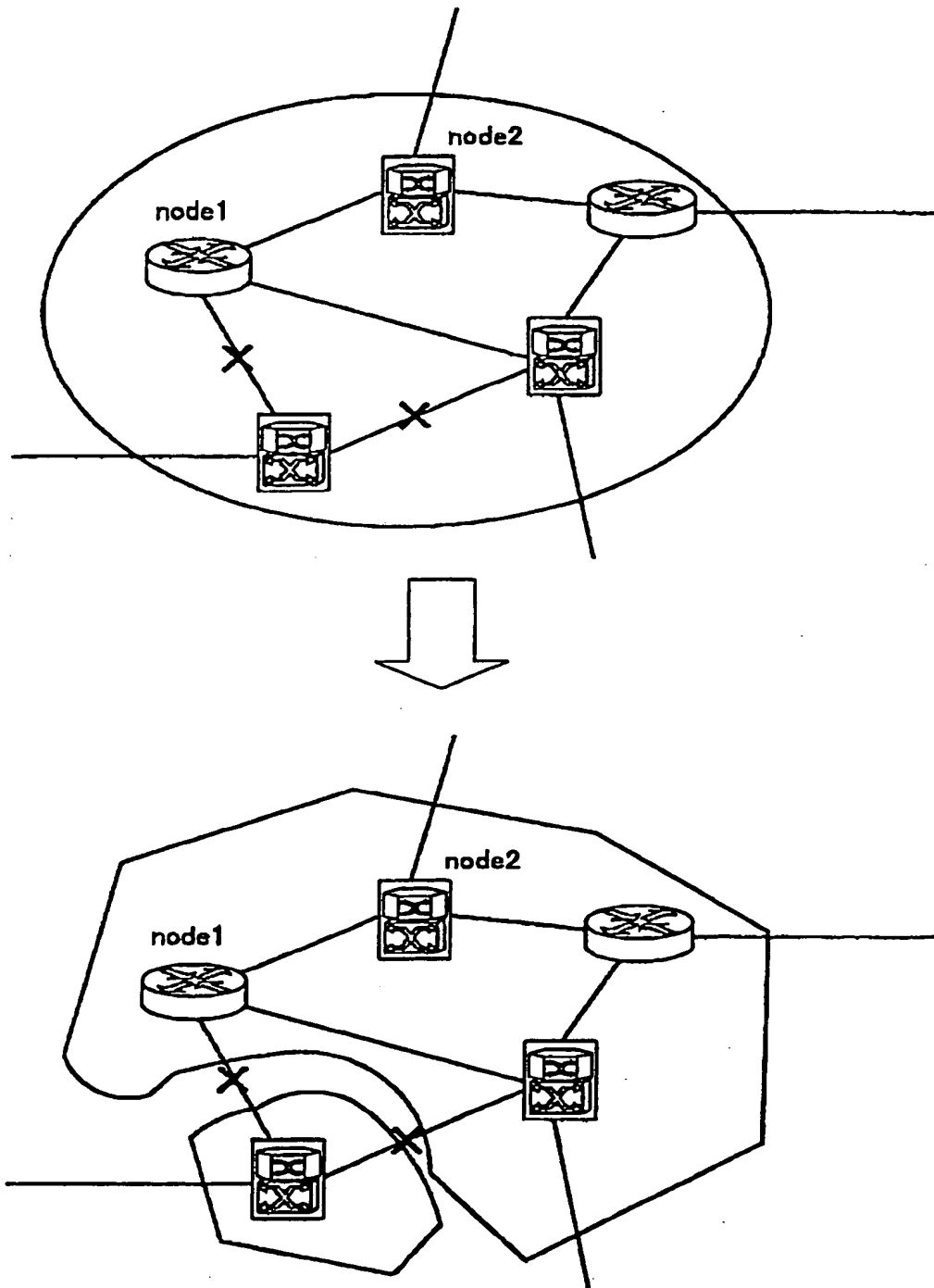


FIG. 54



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FIG. 55

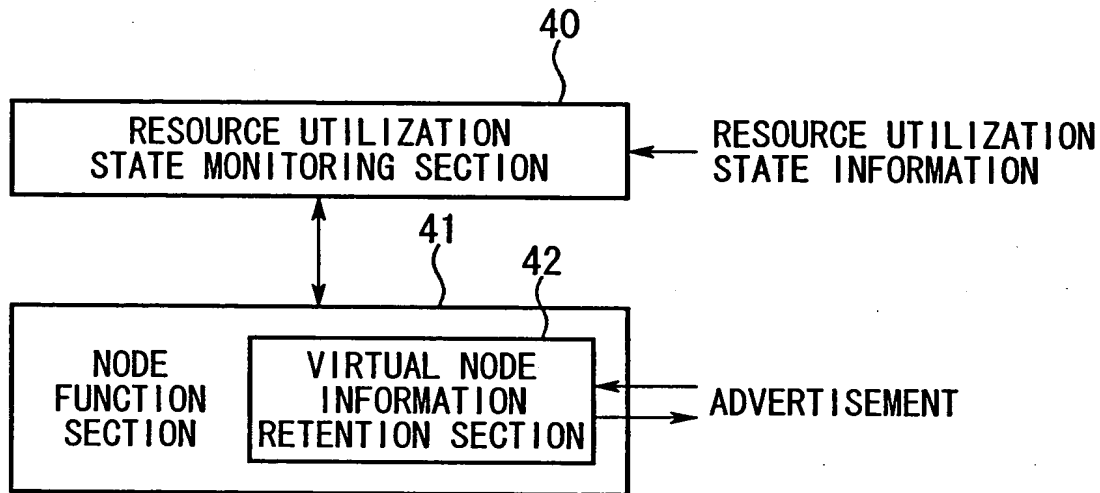


FIG. 56

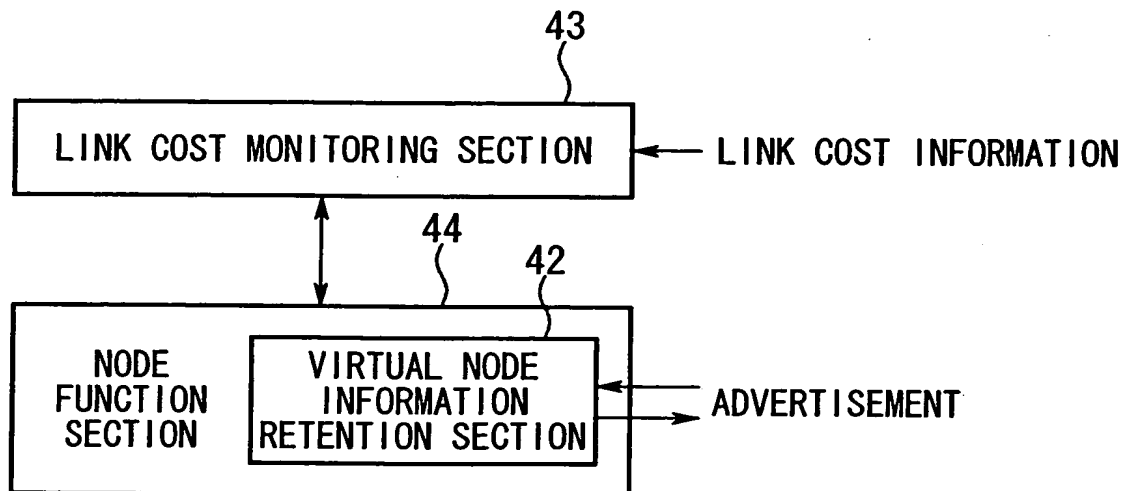


FIG. 57

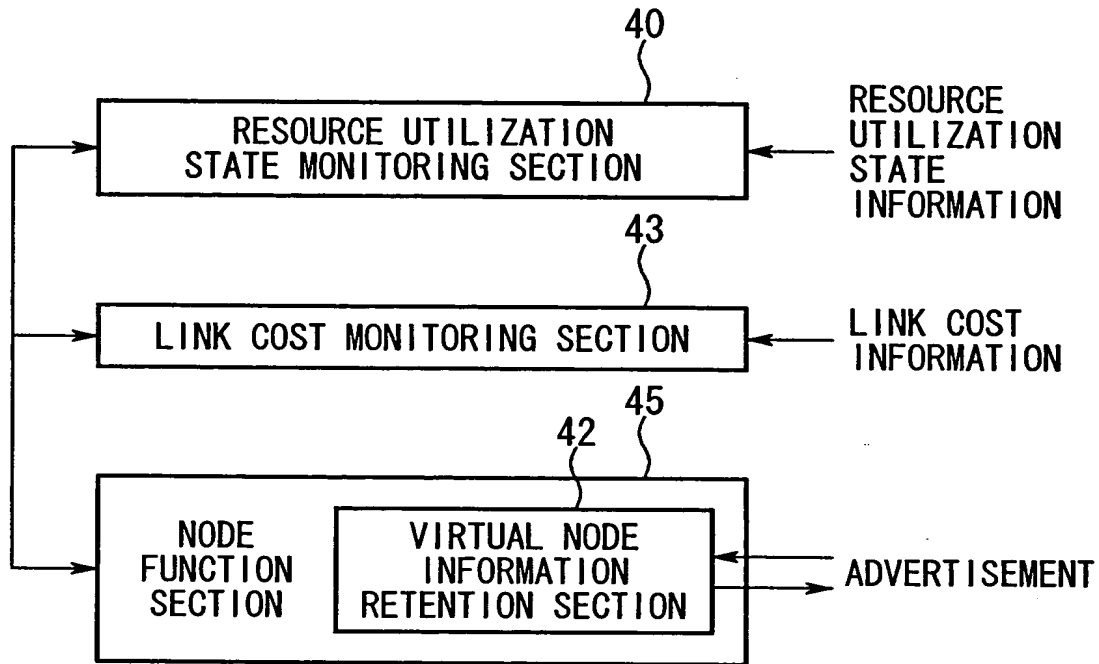
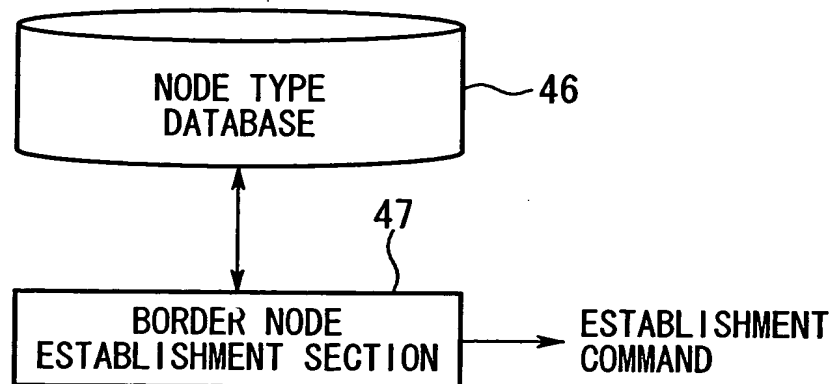


FIG. 58



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FIG. 59

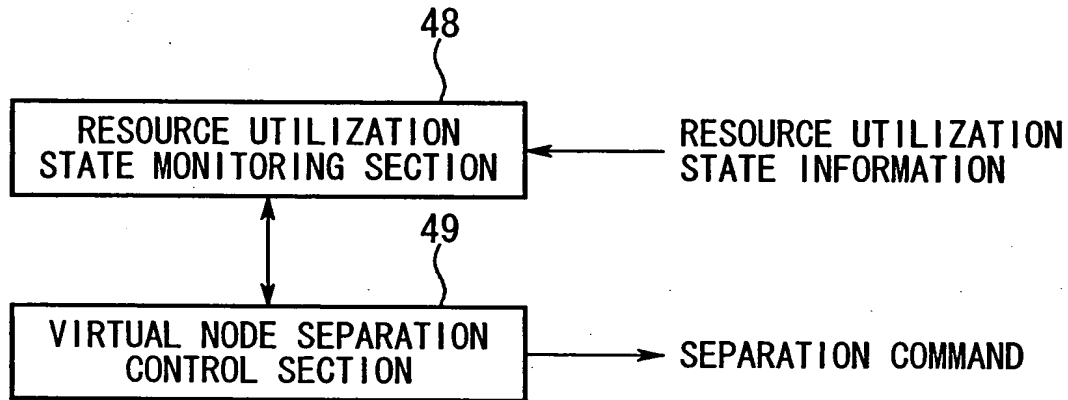
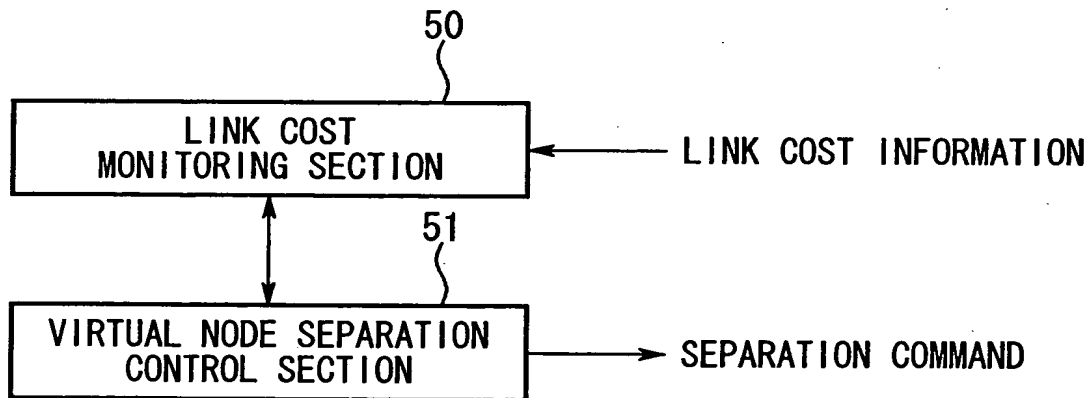


FIG. 60



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FIG. 61

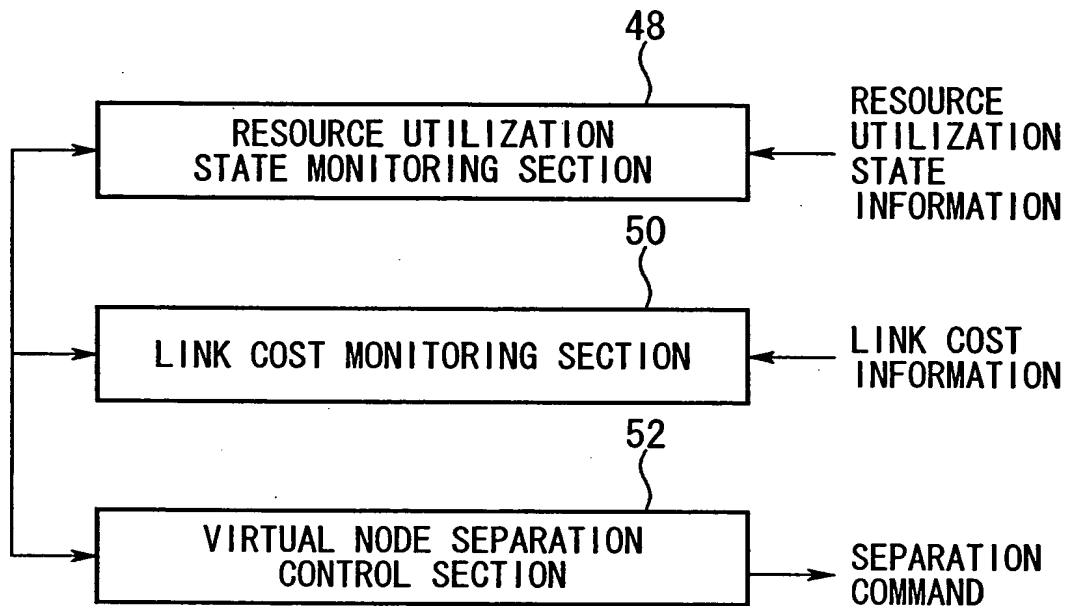


FIG. 62

